Time 1100 – 1240 Singapore/Beijing 1200 – 1340 Tokyo 0830 – 1010 Delhi 0500 – 0640 Tel Aviv 0300 – 0440 London 2200 – 2340 (-1) Washington DC 1900 – 2040 (-1) San Diego (US)	Opening of ICOPS2020			Day 1 - 6 Decer	nber 2020			
0830 – 1010 Delhi 0500 – 0640 Tel Aviv 0300 – 0440 London 2200 – 2340 (-1) Washington DC		-						
0300 – 0440 London 2200 – 2340 (-1) Washington DC	SC: Joseph Schumer							
	Plenary 1 - Monica Blank - TA2-S2	2-005: HIGH-POWER AND H	IIGH-FREQUENCY GYROTR	ONS: DEVELOPMENT AND	APPLICATIONS			
	SC: Ricky Ang Plenary 2 - Y Y Lau - TA3-S1-063:	THE CHILD-LANGMUIR LAV	V AND THE PHYSICS OF DIC	DDES				
	SC = Session Chair							
	D1M1-TA1.1	D1M2-TA2.1	D4442 742 4	PARALLEL SE D1M4-TA4.1		D1M6-TA6.1		D1M8-TA8.1
	SC: Richard Sydora	SC: Edl Schamiloglu	D1M3-TA3.1 SC: Yee Sin Ang	SAC: Mary Ann Sweeney	D1M5-TA5.1 SC: Xinpei Lu	SC: Juergen ROEPCKE	D1M7-TA7.1 + TA7.2 SC: Frank Hegeler	SC: Rohit Medwal
	TA1-S1-019 - A Smolyakov	TA2-S1-002 Zhaoyun Duan	TA3-S1-053 - Juncong She	TA4-S1-013 - Adam Harvey-	TA5-S1-045 - Deanna Lacoste	TA6-S1-028 - Chunlei Feng	TA7-S1-002 - Zheng Zhao	TA8-S1-003 - MAKOTO NAKAJIN
	Title: INSTABILITIES, STRUCTURES AND TRANSPORT IN PARTIALLY MAGNETIZED EXB		Title: TIPS-BASED INTEGRATED FIELD ELECTRON EMISSION	Thompson Title: IMPROVED PERFORMANCE	Title: PLASMA-ASSISTED COMBUSTION ABOVE	Title: LASER SPECTROSCOPIC DIAGNOSIS OF ACTIVE SPECIES IN	Title: VOLUME AND SURFACE MEMORY EFFECTS ON THE	Title: ULTRAFAST SPIN SPECTROSCOPY AND CONTROL
	PLASMAS (Invited Talk - 30 min)	GENERATION USING METAMATERIALS	SOURCES AND THE POTENTIAL APPLICATIONS	OF MAGNETIZED LINER INERTIAL FUSION EXPERIMENTS WITH	ATMOSPHERIC PRESSURE: CHALLENGES AND	ATMOSPHERIC DISCHARGE PLASMA	REPETITIVELY PULSED SURFACE STREAMER DISCHARGE IN HIGH	THE MAGNETIC MATERIALS BY TERAHERTZ PULSES
		(Invited Talk - 30min)	(Invited Talk - 30min)	HIGH-ENERGY, LOW-MIX LASER PREHEAT CONFIGURATIONS	OPPORTUNITIES (Invited Talk - 30min)	(Invited Talk - 30min)	PRESSURE NITROGEN (15min)	(Invited Talk - 30min)
				(Invited Talk - 30min)				
	TA1-S1-008 - Yong-Xin Liu	TA2-S1-016 - Dian Zhang	TA3-S1-008 - wei yang	TA4-S1-014 - Ji Yan	TA5-S1-047 - Gregor Primc	TA6-S1-006 - Sivanandan Harilal	TA7-S1-015 - Micah LaPointe	TA8-S1-007 - Yasuhiro Fukuma
	Title: BREAKDOWN PROCESS OF A CAPACITIVELY COUPLED RF DISCHARGE IN	Title: PROGRESS IN HIGH POWER MILLIMETER WAVE SOURCES	Title: SILICON OXIDE BASED ON- CHIP ELECTRON SOURCES	Title: THE INFLUENCE OF DRIVEN ASYMMETRY ON YIELD	Title:ADVANCED TECHNOLOGIES FOR INDUSTRY 4.0: A CHALLENGE	Title: LASER-INDUCED FLUORESCENCE SPECTROSCOPIC	TITLE: ELECTRICAL BREAKDOWN THRESHOLD OF INSULATED AND	Title: SPIN TO CHARGE CONVERSION FOR TEREHRTZ
	ARGON (15 min)	(Invited Talk - 30min)	(15min)	DEGRADATION IN TRIPLE-SHAPE INDIRECT DRIVE IMPLOSION ON THE 100KJ LASER FACILITY	FOR PLASMA SCIENTISTS (Invited Talk - 30min)	ANALYSIS OF U AND PU PLASMAS (15min)	BARE COPPER CONDUCTORS UNDER LIGHTNING EXCITATION (15min)	SPINTRONICS (Invited Talk - 30min)
				(Invited Talk - 30min)			(15min)	
	TA1-S1-040 - Sayan Biswas	TA2-S1-017 - Edl Schamiloglu	TA3-S1-018 - Meytal Siman-Tov	TA4-S1-011 - Matteo Barbarino	TA5-S1-002 - Xinpei Lu	TA6-S1-010 - wanlian li	TA7-S1-016 - Ivan Aponte	TA8-S1-008 - Masahiko Tani
	Title: PARAMETRIC INVESTIGATION OF NANO-SECOND PULSED DISCHARGE AND	Title: RECENT ADVANCES ON THE MAGNETRON WITH DIFFRACTION		Title: IAEA'S FUSION RESEARCH ACTIVITIES	Title: A PLASMA JET ARRAY DEVICE FOR TRANSDERMAL	Title: WATER EVAPORATION IN PLASMA-LIQUID INTERACTION	Title: A STUDY ON THE CONTRIBUTING FACTORS OF RF BREAKDOWN IN ATMOSPHERIC	Title: TERAHERTZ EMISSION PROPERTIES FROM FE/PT
	BREAKDOWN BEHAVIOR AT HIGH-PRESSURE FOR PIN-TO-PIN CONFIGURATION (15 min)	OUTPUT (15 Min)	VACUUM DIODE (15min)	(15min)	DRUG DELIVERY (15min)	AND ITS EFFECTS ON AQUEOUS SPECIES PRODUCTION (15min)	BREAKDOWN IN ATMOSPHERIC AIR* (15min)	METALLIC SPINTRONIC HETERO- STRUCTURES (Invited Talk - 30min)
	TA1-S1-061 - RIDIP SARMA	TA2-S1-007 - Alena Rostuntsova	TA3-S1-037 - Thuc Bui	TA4-S1-016 - Zhongjing Chen	TA5-S1-003 - Miran Mozetic	TA6-S1-013 - XING ZHANG	TA7-S1-020 - Chris Williamson	TA8-S1-001 - Fei Fan
	Title: INSTABILITY INDUCED MODULATION OF SOLITONS IN A LINEAR AND NONLINEAR REGIME OF STRONGLY DISPERSIVE	Title: FORMATION OF MICROWAVE SOLITONS TRAINS DUE TO MODULATION	Title: RECENT ADVANCES IN BEAM OPTICS ANALYZER	Title: MEASUREMENT OF THE HOT-SPOT SELF-EMISSION IMAGES AND ASYMMETRY	Title: SO2 PLASMA AS AN EXTENSIVE SOURCE OF UV RADIATION	Title: THE ADVANCED X-RAY IMAGING TECHNIQUES WITH A HIGH SPATIAL RESOLUTION FOR	Title: BREAKDOWN OF COMPOSITE ESTER-POLYMER INSULATION UNDER LIGHTNING	Title: THE NONRECIPROCAL MANIPULATION OF TERAHERTZ WAVE BASED ON MAGNETO-
1300 – 1500 Singapore/Beijing 1400 – 1600 Tokyo	POSITRON BEAM DRIVEN PLASMA (15 min)	INSTABILITY UNDER CYCLOTRON RESONANCE INTERACTION OF	(15min)	TUNING BY VARYING BEAM CONE FRACTION	(15min)	THE ICF IMPLOSION DIAGNOSTICS ON THE 100KJ	INSULATION UNDER LIGHTNING IMPULSE STRESS (15min)	OPTIC METASURFACE (15min)
1030 – 1230 Delhi 0700 – 0900 Tel Aviv	(13 mm)	INITIALLY RECTILINEAR ELECTRON		(15min)		LASER FACILITY (15min)	(13000)	(15/////)
0500 – 0700 London 0000 – 0200 Washington DC		ELECTROMAGNETIC WAVE (15 min)				(13000)		
2100 – 2300 (-1) San Diego (US)		()						
	TA1-S1-065 - ANIS S BAKRI Title: CHARACTERIZATION OF GAN/ALN ON	TA2-S1-010 - John Booske Title: EXPERIMENTAL STUDIES	TA3-S1-048 - Kristinn Torfason Title: EFFECTS OF SURFACE	TA4-S1-019 - Uri Shumlak Title: SHEARED-FLOW-STABILIZED	TA5-S1-016 - Shuqun Wu Title: HIGH-ELECTRON-DENSITY	TA6-S1-016 - hongbin ding Title: LASER SPECTROSCOPIC	TA7-S1-021 - David Sirajuddin Title: POWER FLOW	TA8-S1-004 - Piyush Agarwal Title: OPTICAL HEATING
	SI USING CONVENTIONAL RF MAGNETRON SPUTTERING	OF A METAMATERIAL-ENHANCED RESISTIVE WALL AMPLIFIER*	THERMAL-FIELD EMISSION	Z PINCH AS A COMPACT FUSION DEVICE	MICROPLASMA AND ITS POTENTIAL APPLICATION IN	DIAGNOSIS (15min)	SIMULATIONS OF THE Z ACCELERATOR USING EMPIRE	MEDIATED RECONFIGURABLE TERAHERTZ SPINTRONIC
	(15 min)	(15 min)	(15min)	(15min)	TERAHERTZ FILTER (15min)		(15min)	EMITTERS (15min)
	TA1-S1-067 - Shawn W Tang	TA2-S1-005 - Arti Hadap	TA3-S1-050 - Palak Jain	TA4-S1-020 - Jeremy Chittenden	TA5-S1-054 - Renwu Zhou	TA6-S1-022 - Ziyao Jie	TA7-S2-010 - Hongyu Dai	
	THE: SPIKY ELECTRIC POTENTIAL THE: SHET BEAM DRIVEN THE: STIMATION OF PLASMA THE: MAGNETISATION EFFECTS THE: WHERE PHYSICS MEETS THE: TEMPERATURE THE SESARCH ON THE STRUCTURES IN FLUX ROPE EXPERIMENTS METAMADERAL BACKWARD ELECTRON DENSITY NOBLET HE IN INDIRECT BRIVE INSTRUME. (BIO)CHEMISTRY: REJARD STRUCTURES IN FLUX ROPE EXPERIMENTS MEETS THE: TEMPERATURE ALL AND OF MULTIPLE ALLOY ABLANCING THE IN INDIRECT BRIVE INSTRUMENT (BIO)CHEMISTRY: REJARD STRUCTURES IN FLUX ROPE EXPERIMENTS IN FLUX HERE PHYSICS MEETS THE STRUCTURES IN FLUX ROPE EXPERIMENTS IN FLUX ROPE EXPE							
			(15min)		(15 min)	PLASMA (15min)	(15min)	
		TA2-S1-023 - Kazuki Nagao Title: MEASUREMENT AND	TA3-S1-054 - Abhijit Jassem Title: A 2-1/2 DIMENSIONAL			TA6-S1-023 - Shiyang Huang Title: GAS TEMPERATURE	TA7-S2-D14 - Jiaqi Yan Title: EXPERIMENTAL STUDY ON	
		BEHAVIOR ANALYSIS OF MODULATED BEAM CURRENT IN	MODEL OF MIRAM CURVES (15min)			MEASUREMENTS AND IMAGING ANALYSIS IN ATMOSPHERIC-	SEALED-OFF DOUBLE-GAP PSEUDOSPARK SWITCHES	
		A VIRTUAL CATHODE OSCILLATOR (15 min)				PRESSURE MICROWAVE AIR INDUCED PLASMA TORCH	(15min)	
			TA3-S1-O38 - Bharat Singh Rawat			(15min)		
			Title: CHARACTERISTIC PERFORMANCE OF A MULTI					
			APERTURE ION SOURCE FOR APPLICATION IN ION THRUSTER					
			AND MATERIAL PROCESSING (15min)					
							l	
2000 – 2200 Singapore/Beijing								
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo 1730 – 1930 Delhi								
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London			Poster Sesstion - :	1 (List of posters is	s after parallel ses	sions below)		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London			Poster Sesstion - :	1 (List of posters is	s after parallel ses	sions below)		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC			Poster Sesstion - :			ssions below)		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DINI-TA1.1	D1N2-TA2.2 + TA2.1		1 (List of posters is PARALLEL SE	SSIONS		D1N7-TA7.2	D1N8-TA8.2 + TA8.7
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DINI-TA1.1 SC: A. Smolyskov 7.01 B1.00. Messa Galara	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols	D1N3-TA3.1 SC: Juncong She	PARALLEL SE D1N4-TA4.1 SC: Mary Ann Sweeney	SSIONS D1N5TA5.1 SC: Miran Mozetic	D1N6-TA6.1 SC: Tiberiu MINEA	SC: David Wetz	D1N8-TA8.2 + TA8.7 SC: Yaxin Zhang SE 2011 Control Control
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA1-S1-049 - Richard Sydora Title: DRIFT-ALFVEN FLUCTUATIONS AND	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA2:32-018 - Chao-Hal Du Title: STUDY OF RAOBANO-	D1N3-TA3.1 SC: Juncong She TA3-S1:055 - Yee Sin Ang Tide- Physics OF LECTRON	PARALLEL SE D1N4-TA4.1 SC: Mary Ann Sweeney TA4-SL018 - Joseph Ralph TLde- PROGRESS IN THE INFERT	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5-51-049 - Mohamed Chaker (united Taik - 30 min)	D1N6-TA6.1 SC: Tiberiu MINEA TA6-S1-036 - Iean-Pierre H. van Heden	SC: David Wetz TA7-S2-019 - Xiaoning Zhang Title: THE KEY TECHNIQUES OF	SC: Yaxin Zhang TA8-S2-001 - CHAO CHANG Title: SIGNAL PROPAGATION IN
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA1-51-049 - Richard Sydora Title: DRIFT-ALEVEN FLUCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGNETIZED ELECTRON TEMPERATURE	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA252018 - Chaa-Ha Du Title: STUDY OF RAOBAND- FREQUENCY-TUNING TH2 GYROTRONS	D1N3-TA3.1 SC: Juncong She TA3-51-055- Yee Sin Ang Title- PHYSICS OF ELECTRON EMISSION ROM TWO- DIMINSIONAL NAMOMATERALS	PARALLEL SE D1N-TA-1 SC: Mary Ann Sweeney TA-51-013 - Joseph Ralph Tide- PROGRESS IN THE INETTAL COMFINEMENT FUSION EXPERIMENTAL CAMPAGEN ON	SSIONS DIN5TA5.1 SC: Miran Mozetic TA551095- Mohamed Chaker (nvited Taik - 30 min) PULSED LASER DEPOSITION: A FLEXBILE TOOL FOR THE	D1N6-TA6.1 SC: Tiberiu MINEA TA651305 - Iean-Pierre H. van Heiden Title: COMPREHENSIVE QUANTITATIVE PLASMA	SC: David Wetz TA7-52-019 - Xiaoning Zhang Title: THE KEY TECHNIQUES OF PULSE POWER SUPPLY AND ITS APPLICATIONS IN DISCHARGE	SC: Yaxin Zhang TA8-52-001 - CHAO CHANG Title: SIGNAL PROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID-
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA1-S1-049 - Richard Sydora Title: DRIFT-ALEVEN FLUCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA252 018 - Chao-Hal Du Title: STUDY OF BROADBAND- FREQUENCY-TUNK THZ	D1N3-TA3.1 SC: Juncong She TA351:055 - Yee Sin Ang Tide-PHYSICS OF ELECTRON EMISSION FROM TWO-	PARALLEL SE DIN-TAA.1 SC: Mary Ann Sweeney TA451013- Joseph Ralph Tide- PROGRESS IN THE INETRIA COMPINEMENT FUSION EXPERIMENTAL CAMPAGIN ON THE NATIONAL IGNITION FACILITY	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5-S1-049 - Mohamed Chaker (unvited Taik - 30 min) PULSED LASE REPOSITION: A	D1N6-TA6.1 SC: Tiberiu MINEA TA6.5:108- Jean-Piere H. van Heiden Title: COMPREHENSVE QUANTITATIVE PLASMA DIAGNOSTIC USING A MID- NIRARED FREQUENCY COMB TO	SC: David Wetz TA7-S2-019 - Xiaoning Zhang Title: THE KEY TECHNIQUES OF PULSE POWER SUPPLY AND ITS	SC: Yaxin Zhang TA8-52-001 - CHAO CHANG Title: SIGNAL PROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID- INFRARED TO TERAHERTZ SPECTRAL RANGE
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA1-51-049 - Richard Sydora Title: DRIFT-ALFVEN FLUCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGNETIZE DELECTRON TEMPERATURE FILAMENTS	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA252018 - Chaa-Ha Du Title: STUDY OF RAOBAND- FREQUENCY-TUNING TH2 GYROTRONS	D1N3-TA3.1 SC: Juncong She TA3-51-055- Yee Sin Ang Title- PHYSICS OF ELECTRON EMISSION ROM TWO- DIMINSIONAL NAMOMATERALS	PARALLEL SE DIN4-TA4.1 SC: Mary Ann Sweeney TA4-S1-018 - Joseph Ralph Title-PROGRESS IN THE INERTIAL COMPIREMENT FUSION EXPERIMENTAL CAMPAGE ON THE NATIONAL IGNITION	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5-S1-049- Mohamed Chaker (united Taik - 30 min) PULSED LASK DEPOSITION: A FLEXIBLE TOOL FOR THE SYNTHESIS OF ADVANCED	D1N6-TA6.1 SC: Tiberiu MINEA Ta6.51.036 - Jean-Pierre H. van Heiden Title: COMPREHENSVE QUANTITATIV FLASMA DIAGNOSTIC USING A MID- INFRARED FREQUENCY COMB TO ANALYSE NOLYSTRIL PLASMA PROCESSIS	SC: David Wetz TA7-52-019 - Xiaoning Zhang Title: THE KEY TECHNIQUES OF PULSE POWER SUPPLY AND ITS APPLICATIONS IN DISCHARGE PLASMA	SC: Yaxin Zhang TA8-52-001 - CHAO CHANG Title: SIGNAL PROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID- INFRARED TO TERAHERTZ
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TAI-SI-049 - Richard Sydon Thie: ObitT-AVFN ULCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGNETIZE ULCTION TEMPERATURE FILMENTS (Invited Taik - 30 min) TAI-SI-022 - Denis Eremin	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA252 018 - Chaa-Hal Du Title: STUDY OF RAOBAND- FREQUENCY-TUNING TH2 GYNOTRONS (invited Taik - 30 min) TA2-52-020 - Tsun Hsu Chang	D1N3-TA3.1 SC: Juncong She TA3-51-055 - Yee Sin Ang THIG- PHYSICS DE LECTRON EMISSION FROM TWO- DIMTNBIONAL ANNOMATERIALS (Invited Taik - 30min)	PARALLEL SE D1N4-TA4.1 SC: Mary Ann Sweeney TA4-51-025 - Joseph Ralph Tide: PROGRESS IN THE INERTIA COMPINEMENT FUSION EXPERIMENTAL CAMPAGN ON THE NATIONAL IGNITION FACILITY (Invited Taik - 30min) TA4-S1-021 - Stephanie Miller	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5.51.049 - Mohamed Chaker United Taik - 300 min) PULSED LASER DEPOSITION A TURISET TOOL FOR THE SWITHESS OF ADVARCED FUNCTIONEL MATERIALS	D1N6-TA6.1 SC: Tiberiu MINEA TA6.51.035 - Jean-Piere H. van Heden Title: COMPREHENSVE JOUANTTATIVE FASAM JOUANTTATIVE FASAM POICSSES (Invited Tafu-Samin) POICSSES (Invited Tafu-Samin)	SC: David Wetz TA7-52-019 - Xiaoning Zhang Title: THE KEY TEXHINQLES OF PULSE POWER SUPPLY AND ITS APPLICATIONS IN DISCHARGE PLASMA (Invited Talk - 30min) TA7-52-013 - Hongyu Dal	SC: Yaxin Zhang TAB-52-001 - CHAO CHANG TILE: SIGNAL PROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID- INFRARED TO FRAHERTZ SPECTRAL RANGE (Invited Talk - 30min) TAB-52-009 - Kazunori Serita
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TAI-51-049 - Richard Sydon Thie: ObitT-AVFN ULCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGNETIZE ULCTION TEMPERATURE FLIAMENTS (Invited Tak - 30 min) TAI-53-022 - Denis Eremin Title: NUMEBICAL MODELING OF RF MAGNETIMO DECHARGES	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA252 018 - Chaa-Hal Du Title: STUDY OF RAOBANO- FREQUENCY-TUNING TH2 GYROTRONS (Invited Taik - 30 min) TA2-S2-020 - Tsun Hsu Chang Title: BROADBAND, TERAHERTZ, FREQUENCY-TUNABLE,	D1N3-TA3.1 SC: Juncong She TA3-51-055 - Yee Sin Ang THLe- PHYSICS DE LECTRON EMISSION AN NON-ATTERIALS (Invited Taik - 30min) TA3-51-064 - John Leopold THLe: SQEZING A MAGNETIZED RELATIVISTIC LEUTRON BEAM	PARALLEL SE D1N4-TA4.1 SC: Mary Ann Sweeney TA4-51-015 - Joseph Ralph Tidle: PROGRESS IN THE INETIAL COMFINEMENT FUSION EXPERIMENTAL CAMPAGN ON THE NATIONAL IGNITION FACILITY (Invited Talk - 30min) TA4-51-021 - Stephanie Miller Tidle: LASER GATE EXPERIMENT FOR INCREASING PREHEAT	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5.51.049 - Mohamed Chaker United Taik - and in min PLISED LASER DEPOSITION A TURNET TOOL TABLE TO THE SWITHESS OF ADVACED FUNCTIONEL MATERIALS TA5.51.027 - Danhua Mel TIME: FERICINT CONVERSION OF 20.2 MAI CHAI MON VALUE	D1N6-TA6.1 SC: Tiberiu MINEA TA6-S1036 - Jean-Pierre H. van Heiden Title: COMPREHENSVE QUANTTATVE PLASMA DIAGNOST USING A MID- INFRARED FREQUENCY COMB TO ANALYSE INCUSTRIAL PLASMA PROCESSES (Invited Taik - 30min) TA5-S1025 - Keekon Kang Title: EXPERIMENTAL BEMONSTRATION OF PLASMA	SC: David Wetz TA7-32-019 - Xiaoning Zhang Tilue: THE KIY TCHNIQUES OF PULSE TOOWER SUPPLY AND ITS APPLICATIONS IN DISCHARGE PLASMA (Invited Talk - 30min) TA7-52-013 - Hongyu Dai Tute: TEMPERATURE DISTRIBUTION ON THE ANODE OF	SC: Yaxin Zhang TAB-S2-001 - CHAO CHANG TIKI: SIGNAL PROPAGATION IN MYELIN SHRATH AS DIELECTRIC WAVEGUIDE IN THE MID- INFRARED TO TERAHERTZ SPECTRAL RANGE (Invited Talk - 30min) TAB-S2-009 - Kazunori Serita TIKI: EXTREMELY SENSITIVE BIK SENSING USING TERAHERTZ
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA15:049 - Richard Sydora This: DBIT-AHVEN LUICTUATIONS AND TRANSPORT IN NULTIPLE INTERACTING MAGNETIZE LUICTION TEMPERATURE FILMMENTS (Invited Talk - 30 min)	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA25-2018: Chas Hai Du Trate: srudy of BROADBAND- FREQUENCY-UNING TH2 GYROTRONS (Invited Talk - 30 min) TA2-52-020 - Tsun Hsu Chang Title: BROADBAND, TERAHERT7.	D1N3-TA3.1 SC: Juncong She TA3-10:53 - Yes In Ang Title: PHYSICS OF ELECTRON EMISSION FROM TWO- DIMENSIONAL NANOMATERIALS (Invited Taik - 30min) TA3-51-064 - John Leopold Title: SQEEZING A MAGNETIZED	PARALLEL SE DIN4-TAA.1 SC: Mary Ann Sweeney TA4-51-025 - Joseph Ralph Tide: PROGRESS IN THE INETRAL COMFINEMENT FUSION EXPERIMENTAL CAMPAGN ON THE NATIONAL IGNITION FACILITY (Invited Taik - 30min) TA4-51-021 - Stephanie Miller Tide: LASER GATE EXPERIMENT FOR INCREASING REFEAT ENERGY COUPLING EFFICIENCY IN MAGNETIZED UNBER INETRIAL	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5.51.049 - Mohamed Chaker United Taik - 300 min) PULSED LASER DEPOSITION A TURNET TOOL TOOR THE SWITHESS OF ADVARCED FUNCTIONEL MATERIALS TA5.51-027 - Danhua Mei TIME: FERICIENT CONVERSION OF 20.2 NAI OF AI INTS FORCESTIN A ADDED COMPOUNDS THROUGH	D1N6-TA6.1 SC: Tiberiu MINEA TA6.51.035 - Jean-Piere H. van Heden Thie: COMPREHENSVE QUANTITATIVE FASAM QUANTITATIVE FASAM QUANTITATIVE FASAM POICS3525 (Invited Tafka - Samin) FAS-1025 - Keekon Kang Thie: RIFRIMENTAL BEMONSTRATION OF PLASAM ELECTRON DERSITY DAGNOSS	SC: David Wetz TA-52-019 - Xiaoning Zhang Tike: THK KEY TCHONGUS OF PULSE POWER SUPPLY AND TS PULSE POWER SUPPLY AND TS PULSENG AND AND AND AND AND PULSENG AND AND AND AND AND TA7-52-013 - Hongyu Dai Tike: TEMPERATURE DISTIBUITION ON THE ANODE OF GRAPHITE ELECTRODES IN HIGH-	SC: Yaxin Zhang TA5:52:001 - CHAO CHANG TIRE: SIGALP ROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID- INFRARED TO TERAHERTZ SPECTRAL RANGE (Invited Talk - 30min) TA8:52:009 - Kazunori Serita TIRE: EXTREMELY SENSITIVE BIG
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2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	SC: A. Smolyakov TA3:50-09 - Richard Sydon The: DBIT-AT-VEN LUCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGRETIZO LECTION I TAMERATURE FILAMENTS (Invited Taik - 30 min) TA1:51-022 - Denis Eremin Taile: INVISTIGATING TAMEROS (15 min) TA1:51-031 - Genia Vogman TA1:51-031 - Genia Vogman	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA2-32-018 - Chaa-Hai Du Title: STUUP OF BRADBAND TREQUENCY-TUNING TH2 GYNOTRONS (invited Taik - 30 min) TA2-52-020 - Tsun Hsu Chang Title: BRADDBAND, TERAHERT2, FREQUENCY-TUNABLE, REFLECTIVE CYROTRON (invited Taik - 30) TA2-52-006 - Hsin Yu Yao TRE: START-OSCILLATION	D1N3-TA3.1 SC: Juncong She TA3-SL055 - Yes Sin Ang TA3-SL055 - Yes Sin Ang Tide: PhysICS OF ELECTRON EMISSIONA LANOMATERIALS (Invited Taik - 30min) TA3-SL-064 - John Leopold Tide: SGEZING A MAGNETIZED RELATIVISTIC ELECTRON BEAM USING A SPUT CATHODE (LISmin) TA3-SL-066 - Adam Darr Tide: NEXUS THEORY: ELECTRON	PARALLEL SE DIN4-TAA.1 SC: Mary Ann Sweeney TA4-S1-012 - Joseph Ralph Tide: PROGRESS IN THE INFERTIAL COMMENSION THE INFERTIAL COMMENSION THE INFERTIAL COMMENSION THE INFERTIAL COMMENSION THE INFERTIAL COMMENSION THE INFERTIAL FACILITY (Invited Taik - 30min) TA4-S1-021 - Stephanie Miller TIA4-S1-021 - Stephanie Miller Infer Notes Information Frieder Courcillon Self-East Fusion (MAGLIF) (ISmin) TA4-S1-023 - Alexander Veiliovich	SSIONS D1N5TA5.1 SC: Miran Mozetic TA5.51-049 - Mohaned Daker (invest Taik. 30) PUISE DUGK DEPOSITION A PUISE DUGK DOK DIA SWITHISB OF ADVACED PUINCTONG OF ADVACED TA5.51-027 - Danhua Mei TRis: FFICIENT CONVERSION OF ADDR DUGK DOK DUGK DIA DEGE COMPOUNDS THROUGH ADDRE COMPOUNDS THROUGH ADDRE COMPOUNDS THROUGH ADDRE COMPOUNDS THROUGH ADDRE COMPOUNDS THROUGH CASHICA ADMRCRA DISCLAMAGE REACTOR (ISmin) TA5.51-033 - Mehrmoush Naminia	D1N6-TA6.1 SC: Tiberiu MINEA Ta6.51.036 - Jean-Pierre H. van Heiden Thie: COMPREHENSVE QUARTITATIVE FRASKA QUARTITATIVE FRASKA QUARTITATIVE FRASKA QUARTITATIVE FRASKA DUARTITATIVE FRASKA QUARTITATIVE FRASKA QUARTITATIVE COMPREHENSION PROCESSES QUARTITATIVE COMPREHENSION COMPREHENSION OF PRASKA ELECTRON DEPSITY DUAROSISS METHOD DEPSITY DUAROSISS METHOD DEPSITY DUAROSISS METHOD DEPSITY DUAROSISS TA6.51.026 - Akash Tarai Ta6.51.026 - Akash Tarai	SC: David Wetz TA7-52-019 - Xixoning Zhang tile: THE KET TKENKUSLS OF PULSE DOWRTS UPPLY AND ITS PULSEN DOWRTS UPPLY AND ITS PULSEN DOWRTS UPPLY AND ITS TA7-52-013 - Hongyu Dai TILE: TEMPERATURE DOTRIBUTION ON THE ANODE OF GRAPHITE ELECTRODES IN HIGH- DIFFERENT ATMOSPHERE [ISTMIN] DIFFERENT ATMOSPHERE [ISTMIN] TA7-52-018 - VICKOT Bochhov TIA7-52-018 - VICKOT BOCHNOT OF HIGH-	SC: Yaxin Zhang TA-52-001 - CHAO CHANG THE SIGNUL PROKATION IN MYELIN SHATH AS DIELETING INFURED TO TERMENT INFURED TO TERMENT PROVIDED TO TERMENT PROVIDED TO TERMENT INFURED TO TERMENT PROVIDED TO TERMENT INFURED TO TERMENT SERVICE INFORMATION TAB-52-009 - Kazunori Serita THE EXTERMENT SENSITIVE BIO INFURED TO TERMENT INFURED TO TERM
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2100 – 2200 Tokyo 1730 – 1330 Dehin 1400 – Is60 Tel Aviv 1200 – 1400 London 0700 – 0600 Washington DC 0400 – 0600 San Diego (US)	SC: A. Smolyakov TA3:5409 - Richard Sydon Ta3:5409 - Richard Sydon Ta4:5409 - Richard Sydon Ta4:5409 - Richard Sydon Rudownson Rudownson Rudownson Rudownson Rudownson TA1:51-022 - Denis Grenin Tail: Rudownson TA1:51-023 - Genia Vogman Tail: Rudownson Rudownson TA1:51-031 - Genia Vogman Tail: RUDSTIGATING TRANSPORT PROPERTIS OF LOW-BETA KER PLANAS USING HIGH-ORGER CONTINUUM INIETIC SIMULATIONS [15 min] TA1:51-080 - Sarah Lang	D1N2-TA2.2 + TA2.1 SC: Kimberley Nichols TA2-32 018 - Chao-Ha Du Title: STUDY OF BROADBAND- TREQUENCY-TUNING TH2 GYROTRONS (Invited Taik - 30 min) TA2-52-020 - Tsun Hsu Chang Title: BROADBAND, TERAHERTZ, HEGUENCY-TUNABLE, REFLECTIVE CYROTRON (Invited Taik - 30) TA2-52-006 - Hsin Yu Yao Title: START-OSCILLATION BEHAVIORS OF THE TM-MODE GYROTRON (15 min) TA2-52-008 - Naum Ginzburg	D1N3-TA3.1 SC: Juncong She TA3-S1-055 - Yee Sin Ang TA3-S1-055 - Yee Sin Ang TA3-S1-056 - John Leopold Tille: SOEEZING A MAGNETIZED RELATIVISTIC ELECTRON BEAM USING A SPLIT CATHODE (15min) TA3-S1-066 - Adam Darr Title: NEXUS THEORY: ELECTRON EMISSION REGIME TRANSITIONS ACROSS ELENGTH, DRESSURE, AND TEMPERATURE SCALES (15min)	PARALLELSE DINA-TAA.1 SC: Mary Ann Sweeney TA4-S1-018 - Joseph Ralph The PROGRESS IN THE INERTIAL COMMENSION TO STATE AND A STATE PROMONANCE AND A STATE PROMONA	SSIONS DINS-TAS.1 SC: Miran Mozetic TaS.1049-Mohamed Daker (invest Tak.30mi) PUSED UASR DEPOSITION: A PUSED UASR DEPOSITION: A PUSED UASR DEPOSITION: A PUSED UASR DEPOSITION TAS.51.037-Danhua Mel TIME: EFFICIENT CONVERSION OF COMPOUNDS THROGGH TIME: SFICIENT CONVERSION OF COMPOUNDS THROGGH ADDREE COMPOUNDS THROGGH ADDREE COMPOUNDS THROGGH EACTOR (Ismin) TAS.51.033-Mehrmoush Narimiaa Title: AMNOSPHERC PRESSURE MICROWAE PUSAURA IF FOR ORGANCE THIN IFILM DEPOSITION TAS.51.039-Florian Krueger	D1NG-TAG.1 SC: TIberiu MINEA Hadon The: COMPARTMENSIVE COMMITATIVE HASHA DAGROSTIC USING ANDID NEWARDS FIRCULTS (ANDID NEWARDS (ANDI	SC: David Wetz TA7-52-019 - Xixoning Zhang Tike THE KET TECHNOLES OF PULSE DOWRTS UPPLY AND ITS PULSE DOWRTS UPPLY AND ITS PULSEND NO AND ADDRESS TA7-52-013 - Hongyu Dai TIRI: TAUPREATURE DISTRIBUTION ON THE ANODE OF GRAPHITE ELICETRODES IN HIGH- DURENT PULSED AC WITH DIFFERENT AT MOSPHERE (ISmin) TA7-52-018 - VICLOF BORHAW AUCLUM DEVICES FOR PULSED ELICTROPHYSIC. CURRENT STATUS AND PROSECTS IN (ISmin) TATAS-2018 - VICLOF BORHAW TATAS-2018 - VICLOF BORHAW	SC: Yaxin Zhang TAS-2: 001 - CHAG O'HANG THE SIGNAL PROKATON IN MYELIN SHATH AS DIELETING INFORMED TO TERMENT INFORMED TO TERMENT SPECTRUL RANGE (Invited Taik - 30min) TAS-52-009 - Kazunori Serita THE: EXTERMENT SANSITYE BIO STENING USING TERMENT MICROFLUIDIC CHIPS (Invited Taik - 30min) TAS-57-015 - Dong Yazhou THE: A 85 TO 170 GHz TERMERTZ FREQUENCY MULTIPUER BASED ON META STRUCTURE (LSmin) TAS-57-025 - Divel Liu
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Title: T	THE ROLE OF HYDROMETEORS IN NING INCEPTION: AN EXPERIMENTAL JATION	Title: COMBINING EXTREME	Title: SPACE CHARGE LIMITED CURRENT FOR HOT ELECTRON	Title: NUMERICAL EXPERIMENT ON DUAL-STAGE PLASMA FOCUS (15min)	Title: MODELING OF NANOPARTICLE GROWTH AND		IMPACT-IONIZATION WAVE MODE USING AN AVALANCHE S-	TA8-S2-002 - yongshan liu Title: LABEL-FREE BIOSENSING BASED ON INTREGRATION OF SPINTRONIC TERAHERTZ EMITTER AND EIT ANALOG METAMATERIAL (ISmin)
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2hrs	:	Zhrs	Zhrs	Zhrs	1 hr 45 min	2hrs	1.5hrs	1.5hrs

Time				Poster Sess	ion - 1			
	TA1-S1-009 - SAMIRAN DAS TINE: DUST-ION ACOUSTIC SOLITARY WAVES IN DUSTY PURAMA WITH CARN'S DISTRIBUTED ELECTRONS	TA2-S1-003 - Huida Wang Title: EXPERIMENTAL INVESTIGATION OF DENSITY BUNCHING AND ITS POWER INFLUENCE IN A RELATIVISTIC BACKWARD WAVE OSCILLATOR WITH LOW MAGNETIC OPERATION	TA3-S1-013 - Zhiwei Li Title: HIGHLY EFFICIENT HORIZONTAL TUNNEL DIODE ELECTRON SOURCES	TA4-S1-003 - Shuyu Dai Title: IMPACTS OF BOMBARDMENT ENERGY ON HVROGGEN REFLECTION FROM A TUNGSTEN FUZZ SURFACE	TA5-S1-006 - Xlaotong Guan Title: SUBFACE MODIFICATION OF VERTICAL GRAPHENE BY ATMOSPHERC PRESSURE PLASMA JET	TAG-S1-015 - Sungbin Park Title: MEASUREMENT ON TEMPERATURE AND ELECTRICAL CONDUCTIVITY OF AN EXPLODING COPPER WIRE IN WARM DENSE MATTER REGIME	TA7-S1-003 - Zheng Zhao Title: PERIODICAL DISCHARGE MODE TRANSITION IN ATMOSPHERIC PRESSURE NITROGEN UNDER REPETITIVE 20 KV/15-NS PULSES	TA8-S1-002 - Haihui Zhao Title: TOPOLOGICAL INSULATOR SOURCE FOR TERAHERTZ CIRCULAR DICHROISM SPECTROSCOPY
	TA1-S1-011 - Matthew Hopkins Title: EMPLOYING NANOSCALE SURFACE CHARACTERIZATIONS IN A FIELD EMISSION MODEL	TA2-S1-006 - Alena Rostuntsova Title: SELF-SIMILAR CHARACTER OF SHORT PULSE AMPLIFICATION AND GENERATION BY RECTILINEAR ELECTRON BEA	TA3-S1-015 - Xianlong Wei Title: ON-CHIP THERMIONIC ELECTRON MICRO-EMITTER ARRAYS BASED ON CARBON NANOTUBE FILMS	TA4-S1-007 - Zhanghu Hu Title: ENHANCED COLLECTIVE STOPPING AND IFT OF ELECTRON BEAMS IN FUSION PLASMAS WITH HEAVY ION SPECIES	TA5-S1-008 - Latakusum pokharel Title: MODIFICATION OF HYDROPHILICITY OF COTTON USING ATMOSPHERIC PRESSURE DIELECTRIC BARRIER DISCHARGE	TA6-S1-019 - Ashish Ganguli Title: NOVEL METHODOLOGY FOR CHARACTERIZING NON-LINEAR HARMONICS IN RADIO FREQUENCY DISCHARGES	TA7-S1-004 - Ziyi Zhang Title: EFFECTS OF AN EXTERNAL DC MAGNETIC FIELD ON RESONANT MULTIPACTOR BETWEEN TWO DIELECTRIC SURFACES	TA8-S1-006 - John Rex Mohan Title: VOLTAGE CONTROLLED MAGNETIZATION DYNAMICS OF PERMALLOY ON PMN-PT (011) SINGLE CRYSTAL
	TALS:1-013 - Haoqin Zhing Tille: The Offician Charging of Nanometer Aerosol Particles	TA2:51:015 - Liangjie BI Title: ANALYSIS OF COUPLED SPACE HARMONICS IN MILLIMETER-WAVE OVERMODED CORRUGATED STRUCTURES WITH FINITE AND INFINITE LENGTH	TA3-51-017 - Denis Zoldtukhin Title: DEPOSITION OF COMPOSITE MAGNETO- DIELECTRIC COATINGS USING FORE-VACUUM PLASMA- CATHODE ELECTRON SOURCE	TA4-51-015 - JI YAN TILIE: THE EXPERIMENT INVESTIGATION OF LASER- PLASMA INTERACTION OF DIRECT IVE LASER WITH INTENSITY OVER 1015W/CMZ UNDER 200EV RADIATION BACKGROUND ON THE 100KJ LEVEL LASER FACILITY	TA5-51-011 - Zhan Shu Title: CATALYST-FREE PLASMA- ASSISTED NITAGEN FIXATION BY DC AIR-GLOW DISCHARGE: EFFECT OF GAS TEMPERATURE	TA6-51-024 - Jay Angel Title: ZEEMAN SPECTROSCOPIC DETERMINATION OF MAGNETIC FIELD IN MAGNETIZED PLASMA EXPANDING INTO VACUUM	TA73:1008 - LIN YINGYING Title: SYNTHESIS OF METAJ/CARBON NANO- COMPOSITE BY GAS/LIQUID DISCHARGE PLASMA UNDER PRESSURE	TAB-52-003 - Vingwei Li Title: EFFECTS OF LOW INTENSITY OF BROADBAND TERAHERTZ RADIATION ON THE GROWTH AND DEVELOPMENT OF NEURONS
	TALSI-020 - Prit Singh Title - RODUCTION OF HYDROGEN PLASMA BY COMPACT ERS SOURCE FOR EFFICIENT VOLUME GENERATION OF H" IONS	TA2-S1-020 - Ryota Tanaka Title: CHARACTERISTICS OF OUTPUT MICROWAVE IN REFLECTIVE TRIODE VIRTUAL CATHODE OSCILLATOR WITH ELLIPTICAL ELECTRODES	TA3-S1-032 - Fangyuan Zhan Title: A NEW MECHANISM OF ELECTRON EMISSION FROM ISLAND METAL FIL BASED ON HORIZONTAL TUNNELING DIODE FORMED IN SUBSTRATE	TA4-S1-022 - Jayesh Ganji Title: MODELING OF FAST WAVE INTERACTION WITH SST-1 TOKAMAK LIKE PLASMA USING GENRAY CODE	TA5-S1-015 - Xingyu Chen Title: SURFACE CHARGE SUPPRESSION AND SURFACE INSULATION STRENGTH ENHANCEMENT OF EPOXY RESIN VIA PLASMA-ENHANCED MAGNETRON SPUTTERING	TAG-S1-027 - Ahmed Elshafley Title: HYBRID X-PINCH OPTIMIZATION	TA7-S1-014 - Max Flynn Title: SSSESING THE BREAKDOWN STRENGTH OF INSULATING GASES USING A MULTI-TERM BOLTZMANN EQUATION MODEL	TA8-S3-009 - Xianbin Yu Title: NONLINEARITY-AWARE DISCRETE MULT-TONE TERAHERIZ WIRELESS COMMUNICATIONS ACCELERATED BY PHOTONICS
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv	TAL 5:1-023 - RAMESH NARAYANAN TILE: ROLE OF BOUNDARY WALL AND ASYMMETRIC ELECTRODES ON BEHAVIOUR OF ANODE GLOW IN PLANAR DC DISCHARGE	TA2:51:021 - Ernesto Neira Title: STATISTICAL STUDY OF THE PERVEANCE IN A VIRCATOR SURROGATE MODEL TO CONSIDER THE PLASMA EXPANSION	TA3-51-039 - Dr Debapraad Sahu Title: STUDIES ON HYDROGEN PLASMA IN AN ECR BASED LARGE VOLUME CHAMBER	TA4-51-028 - Peter Stoltz Title: BENCHMARKING NON- IDEAL MHD MODELS OF ELECTROTHERMAL EFFECTS	TA5-51-024 - Jumai Ibrahim Title: PLASMA POLYMERISATION OF AMINE THIN COATINGS WITH A SURFACE BARRIER DISCHARGE AT ATMOSPHERIC PRESSURE	TA651031 - Davide Del Cont Bernard Title: ELECTRIC FIELD MEASUREMENTS IN A PLASMA ASSISTED COMBUSTION BURNER	TA7-51-017 - Jessica Title: A SUPERSONIC UNDERWATER PULSED ACOUSTIC SOURCE	TA8:33-010 - Mengyao Qiao Title: BEYOND 100 GBIT/S LENS- FREE PHOTONIC WIRELESS TRANSMISSION OF PS-16QAM- OFDM SIGNALS IN THE 350 GHZ BAND
1400 - 1600 (el AVV 1200 - 1400 London 0700 - 0900 Washington DC 0400 - 0600 San Diego (US)	TALS 15-024 - Dong Yang Titile: STUDY ON CHARACTERISTICS OF DC COROMA DISCHARGE IN A FLOWING TWO- PHASE MIKTURE	TA2-S2-011 - Jiayi Zhang TIHE: COAXIAL CORRUGATED ELECTROSTATIC WIGGLER FOR FREE ELECTRON LASER	TA3-51-049 - Kushagra Singhal Title: ANALYSIS OF INTER- ELECTRODE GAP STRUCTURE ON THE GENERATION OF PSEUDOSPARK SOURCED ELECTRON BEAM	TA4-S1-035 - Ken Uchibori Title: DEVELOPMENT OF 3D FUEL TARGET IMPLOSION SIMULATION CODE IN HEAVY ION INERTIAL FUSION	TA5-S1-025 - Francesco Di Sabatino Title: INFLUENCE OF NANOSECOND REPETITIVELY PULSEO PLASMA DISCHARGES ON THE STABILITY UMITS OF PREMIXED METHANE SWIRL FLAMES AT ELEVATED PRESSURES	TAG-S1-033 - Sven Groeger Title: DETERMINATION OF THE PLASMA PARAMETERS OF AN RF- IGNITON SYSTEM IN A HELIUM/NITROGEN MIXTURE	TA7-52-006 - Yuchen Liu Title: RSEARCH ON THE INITIAL PLASMA PROCESS OF THE LASER- TRIGGERED VACUUM SWITCH	TA8-S4-005 - Huajie Llang Title: TERAHERT2 PHASE SHIFTING BASED ON HOLE-ROD ARRAY VIA PHOTOCONTROL VANADIUM DIOXIDE
	TAI 51-030 - Jonathan Wurtele Title: THE ROLE OF NONNEUTRAL PLASMA PHYSICS IN ANTHYDROGEN SYNTHESIS	TA2-S3-007 - Ranajoy Bhattacharya Title: PERTURBATIONS IN CROSS- FIELD DEVICES	TA3-S1-051 - Ágúst Valfelis Title: DEVIATION FROM THE 2-D CHILD-LANGKUIR LAW AT THE MICROSCALE	TA4-S1-036 - Hiroki Nakamura Title: FUEL TARGET INJECTION INTO HEAV7-ION INERTIAL FUSION REACTOR	TA5-S1-026 - Ying WANG Title: BIMETALLIC NANOSTRUCTURES FABRICATED BY ATMOSPHERIC MICROPLASMA	TAG-S1-038 - Robert Beattle- Rossberg Title: MOIRE DEFLECTOMETER MEASUREMENTS OF PLASMA GENERATED FROM HIGH ENERGY, HIGH CURRENT FIELD EMISSION CATHODES DRIVEN BY UNM'S LINEAR TRANSFORMER DRIVER	TA7-52-015 - Jiaqi Yan Title: INVESTIGATIONS OF CURRENT QUENCHING IN PSEUDOSPARK DISCHARGE	TA8-S4-021 - Wenxin Liu Title: THERMAL CHARACTERISTICS OF MULTI- STAGE DEPRESSED COLLECTOR FOR TERAHERTZ TRAVELING WAVE TUBES
	TA1-S1-032 - Sebastian Wilczek Title: DYNAMICS OF THE ELECTRON TEMPERATURE AND POWER ABSORPTION IN CAPACITIVELY COUPLED RADIO FREQUENCY DISCHARGES	TA2-S3-012 - Robert Ives Title: A 1.3 GHZ 100 KW ULTRA- HIGH EFFICIENCY KLYSTRON	TA3-S1-052 - Troy Powell Title: EFFECTS OF VACUUM IMPEDANCE CHANGES ON MITL FLOW USING 3D ELECTROMAGNETIC PIC SIMULATIONS	TA4-S1-039 - LIM LIAN KUANG Title: RADIATION COOLING EFFECT ON THE PLASMA FOCUS PINCH	TAS-S1-043 - Zane Cohick Title: NON-EQUILBRIUM MATERIALS PROCESSING USING GHZ SPLIT-RING RESONATOR MICROPLASMA RESONATORS	TAG-S1-039 - Sayak Bhattacharjee Title: LOCAL OPTICAL EMISSIVITY IN A STEADY STATE PLASMA CONFINED BY A DIPOLE MAGNET	TA7-52-020 - Shen Shou Max Chung Title: PARTICLE-IN-CELL SIMULATION ON SPARK GAP	TA8-54-022 - Jing Yin Title: FRACTIONALLY NON- UNIFORM CODING METASURFACES FOR TERAHERTZ BEAM CONTROL WITH FREQUENCY SWEEPING
			TA3-S1-056 - Monika Yadav Title: NONLINEAR PROPAGATION OF Q-GAUSSIAN LASER BEAM IN PLASMAS AND SUBSEQUENT ELECTRON ACCELERATION	TA4-S1-043 - Heba Bsharat Title: EFFECTS OF ELECTRODE BIASING ON THE STOR-M TOKAMAK PLASMA	TAS-S1-057 - Jozef Huran Title: ELECTRON BEAM-PLASMA VACUUM DEPOSITION OF VERY THIN NANOSTRUCTURED CARBON FILMS: PHOTOCATHODE APPLICATION	TAG-S1-040 - Terumasa Ryu Title: VELOCITY-DIAMETER RELATION OF NANOSECOND PULSED STREAMER HEAD IN COAXIAL ELECTRODE		TA8-S4-023 - Jing Yin Title: ULTRAFAST SWITCHABLE TERAHERIZ POLARIZATION CONVERSION MODULATOR
			TA3-51-068 - Victor Burdovitsin Title: FOREVACUUM PLASMA ELECTRON SOURCE OF A FOCUSED BEAM BASED ON A HOLLOW CATHODE DISCHARGE IN A LONGITUDINAL MAGNETIC FIELD		TAG-S1-045 - Christopher Durot Title: PRELIMINARY RESULTS TOWARD THE BUILD-UP OF LIF- DIP SPECTROSCOPY TO MEASURE ELECTRIC FIELD	TA6-S1-051 - Kento Kimura Title: DIAGNOSTICS METHOD FOR 20 VELOCITY DISTRIBUTION FUNCTION OF BEAM DEUTERONS USING VISIBLE LIGHT SPECTRA OF ENERGETIC 3HE IN DEUTERIUM PLASMAS	TA7-51-019 - Noriyuki Izumi Title: IMPROVEMENT OF EFFICIENCY OF CRASHED SAND PRODUCTION BY UNDERWATER PULSED DISCHARGE	TA5-S1-035 - Bruno Caillier Title: FLAT DIELECTRIC BARRIER DISCHARGE LAMP IN INTERACTION WITH A RESONANT POWER SUPPL Y

1100 – 1230 Singapore/Beijing	SC: Farhat Beg							
1200 – 1330 Tokyo 0830 – 1000 Delhi		- TA4-S6-018: SPECTROSC	OPIC INVESTIGATIONS OF	THE ION TEMPERATURE, T	URBULENCE, AND CURREN	IT FLOW IN PULSED POWER	RSYSTEMS	
0500 – 0630 Tel Aviv 0300 – 0430 London	SC: Michael Keidar							
2200 – 2330 (-1) Washington DC 1900 – 2030 (-1) San Diego (US)		45-S3-017: PLASMA SPACE	PROPULSION FOR NANOS	ATELLITE ORBIT CONTROL	AND COMPLEX CONSTELL	ATION FORMATION		
	SC = Session Chair							
					SESSIONS			
	D2M1-TA1.2 SC: Nong Xiang	D2M2-TA2.3 SC: Shaomeng Wang	D2M3-TA3.2 SC: Zhaoyun Duan	D2M4-TA4.2 + TA4.3 SC: Joseph Strehlow	D2M5-TA5.1 SC: Gregor Primc	D2M6-TA6.1 SC: Hongbin DING	D2M7-TA7.3 SC: Weihuan Jiang	D2M8-TA8.3 SC: Xianbin Yu
	TA1-S2-008 - A Christlieb	TA2-S3-020 - Cunjun Ruan	TA3-S2-001 - Chengkun Huang	TA4-S2-015 - Krishnamurthy	TAS-S1-055 - Dawei Liu	TA6-S1-037 - Zhanshan Wang	TA7-S3-004 - Tatiana Vasilieva	TA8-S3-004 - Bo Zhang
	(Invited Talk - 30 min) O(N) IMPLICIT-EXPLICIT (IMEX)	(Invited Talk - 30 min) INVESTATION ON BROAD	(Invited Talk - 30 min) PHYSICS OF ELECTRON EMISSION	Manchikanti (Invited Talk - 30 min)	Title: COLD ATMOSPHERIC- PRESSURE PLASMAS IN	(Invited Talk - 30 min) EUV AND X-RAY MICROSCOPES	(Invited Talk - 30 min) HYBRID PLASMAS GENERATION	Title: 340GHZ HIGH SPEED COMMUNICATION SYSTEM
	METHODS FOR NON-IDEAL MHD BASED ON THE METHOD OF LINES TRANSPOSE	BANDWIDTH AND HIGH POWER TERAHERTZ TRAVELING WAVE TUBE BASED ON MULIT-MODE	AND BEAM DYNAMICS FROM A SINGLE DIAMOND FIELD EMITTER	NOVEL FEATURES IN LASER PLASMA INTERACTION: NEUTRAL ATOM ACCELERATION AND	DERMATOLOGY: SOURCES, REACTIVE AGENTS, AND THERAPEUTIC EFFECTS	FOR PLASMA DIAGNOSTICS	INSIDE DIELECTRIC CONTAINERS	BASED ON SOLID STATE TRANSCEIVER (Invited Talk - 30 min)
1		AND HIGH-MODE BEAM WAVE INTERACTION		ELECTRON GENERATION	(Invited Talk - 30 min)			
	TA1-S2-011 - Chengkun Huang (15 min)	TA2-S3-006 - Philip MacInnes (15 min)	TA3-S2-018 - Zhang Jun (Invited Talk - 30 min)	TA4-S3-003 - Ying Tsui (Invited Talk - 30 min)	TA5-S1-042 - Xifeng Wang Title: SCALING OF ATOMIC LAYER	TA6-S1-054 - Jianan Wang (15min)	TA7-S3-013 - WENQIU LI (15min)	TA8-S3-016 - Tetsuya Kawanishi Title: THZ SEAMLESS NETWORKS
	A PARTICLE-MESH METHOD FOR THE MODELING OF	SELF-INSULATION OF A HIGH- POWER CHERENKOV	INTENSE RELATIVISTIC CYCLOTRON BEAMS AND DISK	ULTRASHORT LASER GENERATED WARM DENSE MATTER -	ETCHING OF SIO2 IN FLUOROCARBON PLASMAS:	LASER-INDUCED FLUORESCENCE ABSOLUTE OH DENSITY AND GAS	OPTIMAL ENHANCED RADIATION OF A COLLISIONAL PLASMA	FOR FUTURE MOBILE SERVICES (Invited Talk - 30 min)
	SYNCHROTRON RADIATION FROM ELECTRON BEAMS	OSCILLATOR, OPERATING IN THE X-BAND	BEAMS FOR HIGH POWER MILLIMETER WAVE GENERATION	TRANSITION FROM SOLID TO PLASMA	TRANSIENT ETCHING AND SURFACE ROUGHNESS (15min)	TEMPERATURE MEASUREMENTS IN A WATER VAPOR BUBBLE MICROSECOND DISCHARGE	LAYER COATED ELECTRICALLY SMALL CYLINDRICAL METALLIC ANTENNA	
	TA1-S2-010 - Shirshak Dhali	TA2-S3-008 - Robert Ives	TA3-S2-006 - Cunjun Ruan	TA4-S2-008 - Feiyu Li	TA5-S1-051 - Seong Ling Yap	TA6-S1-055 - Victorien Bouffetier	TA7-S3-016 - Tae Uk Kang	TA8-S3-002 - Jianjun Ma
	(15 min) SCALING OF NON-THERMAL	(15 min) LOW COST, HIGH EFFICIENCY RF	(15min) DESIGN OF W-BAND PLANAR	(15min) ELECTRON DYNAMICS OF DIRECT	Title: EQUIVALENT DOSE OF ATMOSPHERIC PLASMA JET ON	(15min) X-RAY BACKLIGHTER	(15min) PARAMETER INVESTIGATION AND	Title: ATTENUATION OF TERAHERTZ WAVES BY WET
	PLASMA BY USING A TRAVELING ELECTRIC FIELD	SOURCES USING MULTIPLE BEAM TRIODES	DISTRIBUTED THREE-BEAM GUN WITH UNIFORM MAGNETIC FOCUSING	LASER ACCELERATION IN A PLASMA CHANNEL	INDUCING CELL PROLIFERATION IN HUMAN FIBROBLAST CELL (15min)	OPTIMIZATION FOR TALBOT-LAU X-RAY DEFLECTOMETRY DIAGNOSTICS OF HIGH INTENSITY	ANALYSIS FOR IMPROVING PLASMA CONDUCTIVITY IN THE MHD GENERATION	SNOW, DRY SNOW AND RAIN (15min)
1300 – 1500 Singapore/Beijing 1400 – 1600 Tokyo	TA1-S2-004 - G Bagdasarov	TA2-S3-018 -Drew Packard	TA3-S2-017 - Yee Sin Ang	TA4-S2-016 - Andrea Favalli	TA5-S1-053 - Xinhang Song	LASER EXPERIMENTS TA6-S1-058 - Kyohei Eguchi	TA7-S3-021 - GeunHyeong Lee	TAB-S3-012 - Rui Zhang
1030 – 1230 Delhi 0700 – 0900 Tel Aviv	(15 min) NUMERICAL STUDY OF CAPILLARY	(15 min) CONTROLLED HARMONIC	(15min) IMPROVING ELECTRON	(15min) MULTI-PROBE RADIOGRAPHY	Title: Active Artificial Material Through s3D Microplasma	(15min) MEASUREMENT OF ELECTRON	(15min) THE ELECTROMAGNETIC	Title: PULSE-BASED INTRA-BODY NANO-COMMUNICATION AT
0500 – 0700 London 0000 – 0200 Washington DC 2100 – 2300 (-1) San Diego (US)	DISCHARGE PLASMADYNAMICS IN 3D	FREQUENCY LOCKING IN THE HARMONIC RECIRCULATING PLANAR MAGNETRON	INJECTION EFFICIENCY IN TWO- DIMENSIONAL SEMICONDUCTOR BY INTERFACE ROUGHNESS	WITH LASER-DRIVEN PARTICLE/X- RAY SOURCES	Photonic Crystals (15min)	TEMPERATURE AND ELECTRON DENSITY OF PRIMARY STREAMER DISCHARGE BY LASER THOMSON	VARIABLE ANALYSIS OF 10 KW MHD GENERATOR	TERAHERTZ AND OPTICAL BANDS (15min)
2000 (1, San Diego (05)						SCATTERING DIAGNOSTICS IN HELIUM GAS		
	TA1-S2-018 - Ricky Ang (15 min)	TA2-S3-021-Naum Ginzburg (15 min)	TA3-S2-024 - Stanislav Sinitsky (15min)	TA4-S2-020 - Daiki Kawahito (15min) ION ACCELERATION AND	TA5-S1-056 - Jingkai Jiang Title: TUNING PLASMA PARAMETERS TO CONTROL	TA6-S1-059 - Tomomasa Murakami	TA7-S3-029 - Itay Gissis (15min)	TA8-S3-017 - Claudio Paoloni Title: SUB-THZ TRAVELING WAVE
	FRACTIONAL MODEL OF PLASMA OSCILLATION	GENERATION OF A PERIODIC TRAIN OF ULTRASHORT	HIGH-CURRENT ELECTRON BEAM TRANSPORT AND FOCUSING AT	ION ACCELERATION AND COLLIMATION DRIVEN BY HIGH INTENSITY LASER FIELD FROM	REACTIVE SPECIES FLUXES TO	(15min) ELECTRON TEMPERATURE AND	LABORATORY ASTROPHYSICS – COLD ABSORPTION	TUBES FOR NOVEL WIRELESS HIGH CAPACITY NETWORKS
		MICROWAVE PULSES BASED ON PASSIVE MODE LOCKING IN A SCHEME WITH TWO PARALLEL	THE LINEAR INDUCTION ACCELERATOR	INTENSITY LASER FIELD FROM MICRO-TUBE TARGET	SUBSTRATES FOR INVESTIGATING PLASMA CATALYSIS (15min)	ELECTRON DENSITY MEASUREMENT OF POSITIVE PULSED STREAMER DISCHARGE		(15min)
		SCHEME WITH TWO PARALLEL ELECTRON BEAMS			(PULSED STREAMER DISCHARGE PLASMA IN HIGH PRESSURE GAS BY LASER THOMSON SCATTERING		
	TA1-S2-019 - Cemre Kusoglu-	TA2-S3-022-Nicholas Jordan	TA3-S2-025 - Aharon Friedman	TA4-S3-004 - Seong Ling Yap	TA5-S1-058 - Qiaojue Liu	DIAGNOSTICS TA6-S1-060 - Zhiyuan Jiang	TA7-S3-031 - Joshua Williams	
	Sarikaya (15 min)	(15 min) INITIAL EXPERIMENTS ON THE	(15min) A NON PERTURBATIVE SOLUTION	(15min) SOFT X-RAY EMISSION	(15min) NUMERICAL MODELLING OF THE	(15min) MEASURING SPATIAL	(15min) SOLID-STATE, HIGH-VOLTAGE	
	DEVELOPMENT OF TWO- DIMENSIONAL SIMULATION FOR	RECIRCULATING PLANAR MAGNETRON WITH COAXIAL ALL-	OF THE VLASOV EQUATION FOR A RELATIVISTIC CHARGED PARTICLE	OPTIMIZATION IN PLASMA FOCUS	EFFECT OF APPLIED VOLTAGE IN ATMOSPHERIC PRESSURE AIR	DISTRIBUTION OF MAGNETIC FIELDS AROUND COPPER ROD	PULSE GENERATOR WITH MICROCONTROLLER CONTROL	
	GLOW DISCHARGE DETECTORS	CAVITY EXTRACTION	BEAM		DIELECTRIC BARRIER DISCHARGE	DRIVEN BY HIGH-CURRENT PULSE USING ZEEMAN SPLITTING AND		
	TA1-S2-024 - J T Gudmundsso (15 min)	TA2-S3-027-Meiqin liu (15 min)		TA4-S3-005 - SITI NORYASMIN JAFFAR		LIBS TA6-S1-061 - Thibault Dubois (15min)	TA7-S3-035 - Junxiang Yang Title:SMART RESPONSE PULSED-	
	ELECTRON HEATING IN	PIC SIMULATIONS OF AN S-BAND SURFACE WAVE MICROWAVE		(15min) DEPOSITION OF CZTS THIN FILM		ELECTRON PROPERTY	POWER GENERATOR BASED ON	
	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO-		BY HIGH POWER IMPULSE		ANISOTROPY IN CROSS FIELD DISCHARGES	SOLID-STATE LTD (15min)	
	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL		BY HIGH POWER IMPULSE				
2100 – 2300 Tokyo	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL		BY HIGH POWER IMPULSE				
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL	Poster Sesstio	BY HIGH POWER IMPULSE	rs is after parallel	DISCHARGES		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL	Poster Sesstio	BY HIGH POWER IMPULSE MAGNETRON SPUTTERING	rs is after parallel	DISCHARGES		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL	Poster Sesstio	BY HIGH POWER IMPULSE MAGNETRON SPUTTERING	rs is after parallel	DISCHARGES		
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY	OSCILATOR USING A TWO- SIRUA METAMAKTRAL STRUCTURE		nr High POWEE IMPUSE Magnetrion sputtering n - 2 (List of poster PARALLEL	SESSIONS	sessions below)	(15min)	0005 745 4
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London	DISCHARGES OF COMPLEX	OSCILLATOR USING A TWO- SPIRAL METAMATERIAL	Poster Sesstion D2N3-TA3.3 SC: Gennady Shvets	er High Power Induste Magnetrion sputtering n - 2 (List of poste	SESSIONS D2N5-TA5.2 SC: Manabu Tanaka	sessions below) DISCHARGES Sessions below) D2N6-TA6.3 SC: Thomas Trottenberg		D2N8-TA8.4 SC: Joseph Vas
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHA	OSCILATOR USING A TWO- SIRIAL NETAMATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-53-034- Jinn Luo (Invited Taik - Jinn)	D2N3-TA3.3 SC: Gennady Shvets TA3-S3-019 - Enam Chowdhury (Invited Tak - 30 min)	n - 2 (List of poste PARALLEI D2NA-TA4.5 SC: Richard Sydora TA4.5011- Paramel Patathil Ridev	SESSIONS D2N5-TA5.2 SC: Manabu Tanaka TA5-52-006 - Hae June Lee (invited Taik - 30 min)	DISCHARGES sessions below) D2N6-TA6.3 SC: Thomas Trottenberg TA6-53-006 - Holger Kensten (Invitet Tak + 30 min)	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihua Jiang TIdr-5302 - Weihua Jiang	SC: Joseph Vas TA8-54-044 - Avraham Gover Title: SPONTANEOUS AND
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHARGES DISCHA	OSCILATOR USING A TWO- SIRIAL NETAMATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-53-04- Jinn Luo (Wited Taik - 30 min) THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON	D2N3-TA3.3 SC: Gennady Shvets TA3-S3-019 - Enam Chowdhury (invited Tak-30 min) UQUID TARGETS FOR NEXT GENRRATION LASER-ION	n - 2 (List of poste MAGNETRON SPUTTERING n - 2 (List of poste PARALLEI D2NA-TAA.5 SC: Richard Sydora TAd-Sol1- Paramel Patathil Rajeev (Invited Tak30 min) (Unstratak-30 min)	SESSIONS D2N5-TA5.2 SC: Manabu Tanaka TA5-S2-006 - Hae June Lee (invited Taik - 30 min) NUMERICAL MODELING OF NAND POWDER SYNTHESS USING AN	DISCHARGES SESSIONS DEIOW) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kensten (Invitet Taik - 30 min) NOK-CONVENTIONAL DUGNOSTICS FOR THE	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihua Jiang TIdr: SOLD STICE MARK GENERATOR USING BOTH CAPACITVE AND INDUCTVE	SC: Joseph Vas TA8-54-044 - Avraham Gover Trite: SPONTANEOUS AND STIMULATED SUPERRADIANCE OF BUNCHED ELECTRON BEAMS
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY D2N1-TA1.2 SC: Nichelle Bennett TA1-52-014- Anbang Sun (Invited Talk - 30 min) A-COMPUTATIONAL STUDY OF	OSCILATOR USING A TWO- SIRUM NETMANERAL STRUCTURE DZN2-TA2-3 SC: Nick Jordan TA2-32-03- Jinn tuo (Invited Tak- 30 min) TueGentruc, Research on MEANDER-LINE SLOW-WAVE STRUCTURE USING RELD- MATCHING METHODS WITH VADIAG GEREN'S NEUROPOING	D2N3-TA3.3 SC: Gennady Shvets TA3-S3-019 - Enam Chowdhury (Invited Talk - 30 min) Uqu(J01 TARGET FOR NEXT	n - 2 (List of poste PARALLEE D2N-TAA.5 SC: Richard Sydora TA-5:011 - Paranel Pattathi Rajeev TA-5:011 - Paranel Pattathi Rajeev Table S-00 min)	SESSIONS D2N5-TA5.2 SC: Manabu Tanaka TA5-52-006 - Hae June Lee (Invited Taik - 30 min) NumtericaL ModeLink of PANAO	DISCHARGES SESSIONS DELOW) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kenten (Invited Talk - 30 min) NON-CONVENTIONAL	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-022 - Weihua Jiang TIde: SOLD STATE MARK GENERATOR USING BOTH	SC: Joseph Vas
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX DISCHARGES OF COMPLEX DI	OSCILATOR USING A TWO- SIRIAL NETAMATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-5304 - Jion tuo (Invited Taik - 30 mo) THEORETICAL RESEARCH ON HEADRE-INE SOMO WAVE STRUCTURE USING FRED- MATCHING METHOD SWTH TVA253-037 - Rebecta Seviour	D2N3-TA3.3 SC: Gennady Shvets TA3-S3-019 - Enam Chowdhury (monted Tak: 30 min) LIQUID TARGETS FOR NEXT GENERATION LASERION ACCELERATOR TA3-S3-004 - Peng Zhang	IN HIGH POWER INPUSE MAGNETRON SPUTTERING IN - 2 (List of poster PARALLEI D2NA-TAA.5 SC: Richard Sydora TAA-55-010- Adam Higginson	SESSIONS D2NS-TAS.2 SC: Manabu Tanaka TASJ2006. Hite hare kee Nutker Tak Soon Markow Nutker Stat Nonocitike or NANO PROVER SYNTHESS USING AH BF PLASMA TORCH TAS-S2-007 - Yasunori Tanaka	Sessions below) DISCHARGES Sessions below) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kersten (Invite Taik - 20 min) NOH-CONVENTIONAL DISCHARGE TA6-S3-007 - Jens Oberrath	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032- Weitua Jiang TIA7-53-032- Weitua Jiang TIA7-53-032- Weitua Jiang TIA7-53-032- Minol DidUctive ENERGY STORAGE (Invited Talk - 30 min) TA7-53-036 - Njomza Ibrahimi	SC: Joseph Vas TAB:S4-04 - Avraham Gover TIBL:SOUTANEOUS AND STIMULATED SUPERADIANCE OF BUNCHED ELECTRON BEAMS (Invited Talk - 30 min) TAB:S4-024 - Feng Lan
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX DISCHARGES OF COMPLEX DI	OSCILATOR USING A TWO- SIRIAL NETAMATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-3304 - Jinn tuo (invited Tak. 20 mn) THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON AUCTIMUS DERIVE STRUCTIONS OF STRUCTURE USING FELD- MATCHING METROD SWTH TVACIERCENTS FUNCTIONS OF TA2-33-037 - Refects Seviour (15 min) Edit GENERATION AND	D2N3-TA3.3 SC: Gennady Shvets TA3.53.019- Enam Chowdhury UQUD TARGETS FOR NEXT GENERATION ALSEN-ION ACCELERATOR TA3.53-004 - Peng Zhang (L5min) TML-RESOLVED	IN HIGH POWER INPUSE MAGNETRON SPUTTERING IN - 2 (List of poste PARALLEI D2NA-TAA.5 SC: Richard Sydora TAA-55-010- Paramel Pattabil Rejeev UITRAAST PLASMA DYNAMICS INSIDE SOLDS	SESSIONS D2NS-TAS.2 SC: Manabu Tanaka TAS.2006. Hite hane kee Nutkerter TakSomit Nutkerter Substance Anno Re PLASMA TORCH TAS.52-007 - Yasunori Tanaka (Invited Tak30 min) DVEVLOPMENT OF A TANASIERT	Sessions below) DISCHARGES Sessions below) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kensten (Invite Taik - 30 min) NOK-CONVENTIONAL DISCHARGE TA6-S3-007 - Jens Oberrath (Invite Taik - 30 min) ON THE MULTHOL RESONANCE	(15min) D2N7-TA7-3 SC: Rick Spielman TA7-53-032 - Weihua Jiang TI47-53-032 - Weihua Jiang TI47-53-032 - Weihua Jiang TI4E: SOLI 5712 - MARX GENERATOR USING BOTH CAPACTIVE AND INDUCTIVE ENERGY STOBAGE (Invited Talk - 30 min) TA7-53-036 - Njomza Ibrahimi TI4E: NOVELS UBINADSECOND PULSED POWER SYSTEM FOR BUS SYSTEM FOR BUS	SC: Joseph Vas TAB-S4-04- Avraham Gover Title: SPONTANEOUS AND STIMULATES DUPERADUARCE OF BUNCHED ELECTRON BEAMS (Invited Talk - 30 min) TAB-S4-024 - Feng Lan Title: DGITALLY STEERABLE TERAHERTX MET-HEMT
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX DISCHARGES OF COMPLEX CHEMISTRY TALS2-014 - Anbang Son (Inveder Talk - 30 non) EXPLORED TALL STORY OF STREAMERS INTERACTING WITH DELECTRICS TALS2-030 - Shenglong Guo (15 min)	OSCILATOR USING A TWO- SIRIAL NETAMATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-5304 - Jinn tuo (Invited Taik - 30 mn) THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON AUCTIVING TERLO- MACTIVING VERICE PLANE MEDIA TA2-53-037 - REBECTS SEVIOUT (15 min) CHARGER LINE SEVIOUT CASTON AND AND AMPLIFUCATION VIA REQUENCY.	D2N3-TA3.3 SC: Gennady Shvets TA3.53.019. Enam Chowdhury (Invite) Taik: 23 min) EXERPATION MASEH-ON ACCELERATOR TA3.53.004 - Peng Zhang (L5min) TMI-RESOLVED PHOTOELECTRON SPECTROSCOPY BY TWO-COLOR	IN HIGH POWER INPUSE MAGNETRON SPUTTERING IN - 2 (List of poste PARALLEE D2NA-TAA.5 SC: Richard Sydora TAA-5-020 - Adam Higginson (Invited Tak30 min) UKTRAAST PAJAMA DYNAMICS HISDE SOLDS	SESSIONS D2NS-TAS-2 SC: Manabu Tanaka TAS-20205 Hie June Lee (Invest Fak - 30 mil) or Manabu Tanaka (Invest Fak - 30 mil) DVDRG SYMTHESU USING AN II PLASMA TORCH TAS-52-007 - Yasunori Tanaka (Invest Fak - 30 mil) DEVLOPMENT FOR TANASIENT MODEL OR VEVAPORITON PROCESS	DISCHARGES SESSIONS DELOW) D2N6-TA6.3 SC: Thomas Trottenberg TA6-53-06. Holger Kenten Invited Talk - 30 min) TA6-53-007. Jens Oberrath (mitted Talk - 30 min)	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihus Jiang TRM: SOLID STATE MARK GEREARTOR USING BOTH CAPACITVE AND IMDUCTIVE ENERGY STORAGE (Invited Talk - 30 min) TA7-53-036 - Njomza Ibrahimi TA7-53-036 - Njomza Ibrahimi	SC: Joseph Vas TA8-S4-04 - Avraham Gover Title: SPONTANEOUS AND STIMULATE SUPERRADUNCE OF BUNCHED ELECTRON BEAMS (Invited Talk - 30 min) TA8-S4-024 - Feng Lan Title: DIGITALLY STEERABLE
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DUBLESTRY DUBLESTRY DUBLESTRY DUBLESTRY TAL52-012- Nubang Sun (Invited Talk 30 min) (Invited Ta	OSCILATOR USING A TWO- SPIRU METAMARTIAL STRUCTURE DZINZ-TA2-3 SC: Nick Jordan TA2-32-304 - Juni tub (Nick Jordan TA2-32-304 - Juni tub (Nick Jordan TA2-307 - Rebect Start) National Start Start National Start Start National Start	D2N3-TA3.3 SC: Gennady Shvets TA3-S3-019 - Enam Chowdhury (Invited Tak - 30 min) UQUID TARGETS FOR NEXT GENERATION LASER-ION ACCELERATOR TA3-S3-004 - Peng Zhang (15min) TIME-RESOLVED PHOTOELECTRON	NY HIGH POWER INPUSE MAGNETRON SPUTTERING MAGNETRON SPUTTERING PARALLEEL DZNA-TAA-5 SC: Richard Sydora TA-55-011 - Paramel Partabili Rajeev (Invited Taik - 30 min) URRAVELUIG LASEA-DRVEN URRAVELUIG LASEA-DRVEN URRAVELUIGUIGUIGUIGUIGUIGUIGUIGUIGUIGUIGUIGUIGU	SESSIONS D2NS-TAS-2 SC: Manabu Tanaka TAS-52-005 - Hae June Lee (Invited TAI-30 min) NoMERCL, MOGENIL OF UNIO POWDER SMITHESS USING AN IP USANG TOCH: TAS-52-007 - Yasunori Tanaka (Invited TAI-30 min) DEVLOPMENT OF TANASIENT MODEL ON EVAPORATION PROCESS OF FEDDRITCK PARTICLES INVECTED	Sessions below) DISCHARGES Sessions below) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kensten (Invite Taik - 30 min) NOK-CONVENTIONAL DISCHARGE TA6-S3-007 - Jens Oberrath (Invite Taik - 30 min) ON THE MULTHOL RESONANCE	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihus Jiang THE: SOLID STATE MARK GENERATOR UNKB BOTH CAPACITVE AND INDUCTIVE ENERGY STORAGE (Invited Talk - 30 min) TA7-53-036 - Njomza Ibrahimi Tiffie: A NOVEL SUBNANOSECOND PULSED POWER SYSTEM FOR BIO- MEDICAL APPLICATIONS	SC: Joseph Vas TA8-54-04 - Avraham Gover Title: SPONTANEOUS AND SIMULATE SUPERRADUNCE OF BUNCHED ELECTRON BEAMS (Invited Talk - 30 min) TA8-54-024 - Feng Lan Title: DIGITALLY STEERABLE TERAHERIZ META-HEMT ANTENNA
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DUBLESTRY DUBLESTRY DUBLESTRY DUBLESTRY TAL52-012- Nubang Sun (Invited Talk 30 min) (Invited Ta	OSCILATOR USING A TWO- SIRUM RETMANDER STRUCTURE STRUCTURE STRUCTURE SCIENCE STRUCTURE SCIENCE STRUCTURE TA3-S0-304- JION TO TA3-S0-304- JION TA3-S0-304- JION TA3- JION TA3-S0-304- JION TA3- JION TA3-S0-304- JION TA3- JION TA3-S0-304- JION TA3- JION TA3-S0-304- JION	D2N3-TA3.3 SC: Gennady Shvets TA3.53.019. Enam Chowdhury (Invite) Taik: 23 min) EXERPATION MASEH-ON ACCELERATOR TA3.53.004 - Peng Zhang (L5min) TMI-RESOLVED PHOTOELECTRON SPECTROSCOPY BY TWO-COLOR	Ar High Proves INPUSE MAGNETRON SPUTTERING MAGNETRON SPUTTERING PARALLEEI D2N4-TA4.5 SC: Richard Sydora TA4-S5 010 - Paramei Pattahil TA4-S5 010 - Paramei Pattahil TA4-S5 020 - Adam Higginson INVEND Ta14: 30 min) LASE PUDAGATION TA4-S5 020 - Adam Higginson INSUE SOUIDS	SESSIONS D2NS-TAS-2 SC: Manabu Tanaka TAS-32-006 Hae June Lee (Invited Tak-30 min) NoviEros Ministros United Tanaka (Invited Tak-30 min) Device/Dewth of Tanaka (Invited Tak-30 min)	Sessions below) DISCHARGES Sessions below) D2N6-TA6.3 SC: Thomas Trottenberg TA6-S3-006 - Holger Kensten (Invite Taik - 30 min) NOK-CONVENTIONAL DISCHARGE TA6-S3-007 - Jens Oberrath (Invite Taik - 30 min) ON THE MULTHOL RESONANCE	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihus Jiang THE: SOLID STATE MARK GENERATOR UNKB BOTH CAPACITVE AND INDUCTIVE ENERGY STORAGE (Invited Talk - 30 min) TA7-53-036 - Njomza Ibrahimi Tiffie: A NOVEL SUBNANOSECOND PULSED POWER SYSTEM FOR BIO- MEDICAL APPLICATIONS	SC: Joseph Vas TA8-54-04 - Avraham Gover Title: SPONTANEOUS AND SIMULATE SUPERRADUNCE OF BUNCHED ELECTRON BEAMS (Invited Talk - 30 min) TA8-54-024 - Feng Lan Title: DIGITALLY STEERABLE TERAHERIZ META-HEMT ANTENNA
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY	OSCILATOR USING A TWO- SIRIAL NETAWATERIAL STRUCTURE D2N2-TA2.3 SC: Nick Jordan TA2-53-04 - Jian Luo (twited Tak: a 30 mi) THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON AUCTIVING TAK: a 30 mi) THEORETICAL RESEARCH ON THEORETICAL RESEARCH ON WAVE STRUCTURE USING FIELD- MATCHING WEING WITH TA2-53-037 - Rebecta Seviour (13 min) DADIC GERINS FUNCTIONS OF TA2-53-037 - Rebecta Seviour (13 min) DADIC GERINS FUNCTIONS OF STRUCTURE USING FIELD- MATCHING WEING AND DADIC GERINS FUNCTIONS OF TA2-53-040 - LIANG ZINANG	D2N3-TA3.3 SC: Gennady Shvets TA3.53.019 - Enam Chowdhury (miniet Taik - 20 mini) LIQUID TARGETS FOR NEXT GENERATION LASERION ACCELERATOR TA3-S3-004 - Peng Zhang (L5min) TMR-RESOLVED PHOTOELECTRON SPECTROSCOPY BY TWO-COLOR LASERS WITH A DC BIAS	NY HIGH POWER INPUSE MAGNETRON SPUTTERING MAGNETRON SPUTTERING PARALLELI DZNA-TAA.5 SC: Richard Sydora TA4-53-020 - Adam Higginson (Invited Tak:-30 min) ULTRAKST PLASMA DYNAMICS INSIGE SOLIDS TA4-53-020 - Adam Higginson (Invited Tak:-30 min) LASER PLUSE PROKAGNON THROUGH UNDER-GRAFTIN THROUGH UNDER-GRAFTIN	SESSIONS D2NS-TAS.2 SC: Manabu Tanaka TAS.2006 Mite June Lee Invited Taik30 min) NUMERICAL MODELING OF NADI NUMERICAL MODELING OF NADI NUMERICAL MODELING OF NADI NUMERICAL MODELING OF TANAKA I PLASMA TORCH VEVLOPMENT OF A TANAKET MODEL OF VEDDOTTOR Y A TANAKET MODEL ON VAPORATICLE SVITHERIS TOR NANOPARTICLE SVITHERIS TOR NANOPARTICLE SVITHERIS TOR NANOPARTICLE SVITHERIS	Sessions below) DING-TAG.3 SC: Thomas Trottenberg TA6-53-005 - Hoiger Kersten (Invite Taik - 30 min) NON-CONVENTIONAL DISCHARGE TA6-53-007 - Jens Oberrath (Invite Taik - 30 min) ON THE MULTIPOLE RESONANCE PROBE TA6-53-003 - Thomas Trottenberg	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihua Jiang TId: SOLD STRE MARK GENERATOR USING BOTH CAPACTIVE AND INDUCTIVE ENERGY STORAGE (Invited Tak - 30 min) TA7-S3-036 - Njomza Ibrahimi TIHE - NOVELS UBINANOSECOND PULSED POWER SYSTEM FOR BIO- MEDICAL APPLICATIONS (15min) TA7-S3-037 - Gilbert Collins IV	SC: Joseph Vas TA8-54-04 - Avraham Gover Title: SPONTANEOUS AND STINULITED SUPERADUNCE OF BUNCHED ELECTRON EEAMS (Invited Talk - 30 min) TA8-54-024 - Feng Lan Title: INGITALLY STEERABLE TERAHERTX DETA HEANT ANTENNA (Invited Talk - 30 min) TA8-54-001 - Vindong Huang
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC	DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES OF COMPLEX CHEMISTRY DISCHARGES IN COMPLEX DISCHARGES IN COMPLEX DISCHARGES IN COMPLEX TAL 52-014 - Anbang Sun (Invited Talk - 30 min) A COMPLETATION STUDY OF STREAMERS INTERACTING WITH DIELECTRICS TAL 52-036 - Shenglong Guo (IS min) A FULX YKINET CSLE-SIMILAR PARTICLE SIMULATION OF ION THRUSTER DISCHARGE CHAMBER TAL 52-048 - Swetlana Avterva (IS min) TAL 52-048 - Swetlana Avterva (IS min)	OSCILATOR USING A TWO- SPIRU METAMARTRAL STRUCTURE DZN2-TA2.3 SC: Nick Jordan TA2-S3-049 - Jinn Luo (Invited Tak: -30 min) TK2-S3-049 - Jinn Luo (Invited Tak: -30 min) TK0-STRUCTURE USING RELD- MATCHING KIEFSHOLDS WITH MEANDER-LINE SLOW-WAVE STRUCTURE USING RELD- MATCHING KIEFSHOLDS WITH ADALC GREEN-LINE SLOW-WAVE STRUCTURE USING RELD- MATCHING KIEFSHOLDS WITH ADALC GREEN AND MAD ACTION AND AND ACTION AND AND APATAL AND THAT AND AND AND APATAL AND THAT AND AND APATALAND THAT AND	D2N3-TA3.3 SC: Gennady Shvets TA3.53.019. Enam Chowdhury (Invitet Taik Sami) CREENTION LASEN-ION ACCELERATOR TA3.53.004 - Peng Zhang (L5min) TMR-RESOLVED PHOTOELECTRON SPECTROSCOP BY TWO-COLOR LASERS WITH A DC BIAS TA3.53.005 - Xiao Xiong (L5min) BOOSTING RESONANT OPTICAL	NY HIGH POWER INPUSE MAGNETRON SPUTTERING MAGNETRON SPUTTERING PARALLEL D2NA-TAA.5 SC: Richard Sydora TA4-5-011 - Paramel Pattabil Rajeev (Invited Tak - 30 min) (UNTRACT PLASMA DYNAMICS INSIDE SOLIDS TA4-55-020 - Adam Higginson (Invited Tak - 30 min) LASEP PUSE PROKAGNON THROUGH UNDER-DRIVEN MAGNETIC DESAND TAGES WITH AND WITHOUT EXTERNAL MAGNETIC LASEP PUSE PROKAGNON THROUGH UNDER-DRIVEN MAGNETIC TA4-55-030 - Genaady Shvets (Invited Tak - 30 min) LASEP OLS ENSING MAD	SESSIONS D2NS-TAS.2 SC: Manabu Tanaka TAS.2026. Hite June Lee Nover State Construction (Investigation Construction) BY PLASMA TORCH BY PLASMA TORCH TAS.52-007 - Yasunori Tanaka (Invited Tail: 30 min) DYVLOPMENT OF TANASIENT MODEL ON FUNDORATICA TANASIENT MODEL ON FUNDORATICA TANASIENT MODEL ON FUNDORATICA STATICAS INVECTED IN MODULATED INDUCTION IN MODULATED INDUCTION IN MODULATED	DISCHARGES SESSIONS DEIOW) D2NG-TAG.3 SC: Thomas Trottenberg TA6-53-005 - Holger Kenten (Invited Taik - 30 min) NON-CONVENTIONAL DIAGNOSTICS FOR THE INVISTIGATION A DIFFUSI (Invited Taik - 30 min) NON-CONVENTIONAL DIAGNOSTICS FOR THE INVISTIGATION A DIFFUSI (Invited Taik - 30 min) ON THE MULTIPOLE RESONANCE PROBE TA6-53-003 - Thomas Trottenberg (ISmin) NORESTIGATION THE FORCE	(15min) D2N7-TA7.3 SC: Rick Spielman TA7-53-032 - Weihua Jiang TId: SOLD STE MARK GENERATOR USING BOTH CAPACTIVE AND INDUCTIVE ENERGY STORAGE (Invited Tak - 30 min) TA7-53-036 - Njomza Ibrahimi TIde: A NOVEL SUBNANDSECOND PULSED POWER SYSTEM FOR BIO- MEDICAL APPLICATIONS (15min) TA7-53-037 - Gilbert Collins IV TIde: ANALYSIS OF LASER-UT, HYBRID, AND WIDE X-PINCH	SC: Joseph Vas TA8-54-04 - Avraham Gover Title: SPONTANEOUS AND STINULITED SUPERADUNCE OF BUNCHED ELECTRON ELAMS (Invited Talk - 30 min) TA8-54-024 - Feng Lan Title: INGITALLY STEERABLE TRAHERTX DETA HEANT ANTENNA (Invited Talk - 30 min) TA8-54-001 - Vindong Huang Title: COLUSION-INTRODUCED ENVINCEMENT OF BOTATIONAL
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TA1-S2-036 - Uri Shumlak	TA2-S3-047 - Simon Foulkes	TA3-S3-022 - Heman Bhuyan		TA6-S3-011 - Michael Friedrichs	
(15 min)	(15 min)	STUDY ON THE DUAL RF PLASMA		(15min)	
HIGH-ORDER FINITE ELEMENT	METAMATERIAL BASED RF	ENHANCED PULSED LASER		PLANAR MULTIPOLE RESONANCE	
METHOD FOR HIGH-FIDELITY	SOURCES	DEPOSITION OF TITANIUM		PROBE: APPROXIMATION OF THE	
PLASMA MODELING		NITRIDE THIN FILM		IDEAL ANALYTIC SOLUTION	
		(15min)		ADAPTED TO THE REAL	
				GEOMETRY	
TA1-S2-051 - Nichelle Bennett	TA2-S3-048 - Henry Freund			TA6-S2-001 - Ben Ulmen	
(15 min)	(15 min)			(15min)	
FIRST-PRINCIPLES MODEL OF	AN ULTRA-HIGH EFFICIENCY			END-POINT ENERGY	
ELECTRODE PLASMA FORMATION	MULTI-BEAM IOT			DETERMINATION OF ELECTRON	
IN MA-SCALE ACCELERATORS				BEAMS FROM THE SATURN	
				ACCELERATOR 3-RING PINCHED	
				BEAM DIODE	

Time				Poster Sessio	n - 2 on Day 2			
	TA1-S1-038 - Dennis Engel Title: IMPROVING THE LUMPED ELEMENT MODEL OF A RADIO FREQUENY MAGNETRON DISCHARGE	TA2-S3-015 - Xiaoyan Zhang Title: DESIGN OF A 52GHZ STAGGERED DOUBLE VANE SLOW WAVE STRUCTURE BY BUMBLEBEE	TA3-51-060 - Jenny Smith Tide: DEVELOPMENT AND CHARACTERIZATION OF HOLLOW CATHODE PLASMA SOURCE FOR LIF-DIP EXPERIMENTAL SYSTEM	TA4-52-018 - Takumi Nishiura Title: CONTROL OF ION BEAM GENERATED BY INTENSE LASER	TA5-S1-009 - Udip Adhikari Title: FABRICATION OF EXCELLENT AND DURABLE SUPERHYDROPHOBIC SURFACES BY COLD PLASMA TREATMENT	TA6-S3-002 - Takeshi Katahira Title: MEASUREMENT OF PLASMA PRAMPTERS BY FLOATING PROBE METHOD USING TONE BURST SIGNAL	TA7-52-021 - Victor Bochkov Title: STUDY OF THE NEW GENERATION OF THYRATRONS AND PSEUDOSPARK SWITCHES. EXPERIENCE OF APPLICATION IN EQUIPMENT FOR MICROSECOND AND NANOSECOND PULSE WIDTH DURATION	TA8-S4-025 - Yijun Hu Title: A BROADBAND 220-GHZ THICK-DISK BEO VACUUM WINDOW
	TAL-51-039 - Zhengshi Chang Title: STUDY ON DISCHARGE CHARACTERISTICS AND PARTICLE DISTRIBUTION OF LOW-PRESSURE CO2 DIELECTRIC BARRIER DISCHARGE	TA2:32-016 - Andong Yue Title: SIMULATION OF AN INDUSTRIAL MAGNETRON USING CATHODE MODULATION	TA3-51-051 - Janilee Benitez Title: MICROWAVE TRANSMISSION THROUGH THE VENUS ECR ION SOURCE	TA4-52-022 - Joseph Strehlow Title: THE EFFECTS OF PULSE LENGTH AND COLLISIONAL IONIZATION ON THE LASER- DRIVEN ACCELERATION OF TITANIUM	TA5-51-014 - Ying Wang (Bo Ouyang) Title: PLASMA BASED STRATEGIES FOR SYNTHESIS AND PROCESSING OF ELECTRODE MATERIALS IN ENERGY APPLICATION	TA6-53-004 - Satyananda Kar Title: DEVELOPMENT OF A NOVEL ELECTRICAL CHARACTERIZATION TECHNIQUE TO DIAGNOSE AN RF ATMOSPHERIC PRESSURE PLASMA JET	TA7-52-027 - David Martinez Title: DEGRADATION OF THE OUTPUT OF PULSE POWER SYSTEMS ASSOCIATED WITH NON- IDEAL BEHAVIOR OF PROTECTED THYRISTORS	TAB-S4-027 - WENXIN LU TINE: THE DISPERSION CHARACTERISTICS OF SLOW WAVE STRUCTURE EMBEDDED WITH ELECTRON BEAM IN TERAHERTZ RECTANGULAR GRATING
	TA1-S1-045 - Rohit Medwal Title: REMOTE PLASMA-ASSISTED SYNTHESIS OF GRAPHENE FOR DEVELOPMENT OF FLEXIBLE BIOSENSORS	TA2-S3-019 - Andrey Starodubov Title: DESIGN AND DEVELOPMENT OF A V-BAND BACKWARD-WAYE OSCILLATOR BASED ON THE PSEUDOSPARK- SOURCE ELECTRON GUN	TA3-S1-065 - Ben Crampsey Title: DYNAMICS OF HIGHLY ENERGETIC ELECTRONS IN NOVEL ACCELERATING DIODES	TA4-S4-014 - Nicholas Ouart Title: X-RAY RADIATION FROM KRYPTON DOPED SYMMETRIC CAPSULE IMPLOSION EXPERIMENTS ON NIF	TA5-S1-046 - Pengyu Wang Title: GROWTH AND PRECIPITATION OF WATER DROPLETS INDUCED BY CORONA DISCHARGE IN HUMID AIR	TAG-S3-008 - Zhiling LI Title: INVESTIGATION OF ELECTRICAL PHENOMENA INDUCED IN DENSE HELIUM	TA7-52-028 - Crispin Masahudu Ewuntomah Title: ANALYSIS OF AN AUTOMOTIVE HVDC RELAY BEHAVYOUR DURING SHORT CIRCUIT SITUATIONS	TA8-S4-028 - Ruichao Yang Title: SIMULATION OF 1THZ SINE WAVEGUIDE TRAVELING WAVE TUBES
2000 – 2200 Singapore/Beijing	TA1-51-048 - Folvos Antoulinakis Title: A THEORY OF AC CONTACT RESISTANCE	TAZ-S3-024 - Nicholas Jordan Tide: EXTERNAL MAGNETIC FIELD EFFCTS IN MAGNETICALLY INSULATED LINE OSCILLATORS	TA3-S1-067 - Victor Burdovitsin Title: FORMATION OF PROTECTIVE AND WEARRESISTANT COATINGS ON WEARRESISTANT COATINGS ON TITANIUM ALLOYS BY THE COMBINATION OF FORE- VACUUM ELECTRON-BEAM AND ION-PLASMA DEPOSITION	TA4-S4-018 - Daniel Maler Title: FRE TARGET ACCELERATION BY UNDERWATER ELECTRICAL EXPLOSION OF A WIRE ARRAY	TA5-51-060 - Yu-Lin Kuo Title: HARDNESS ENHANCEMENT USING PLASMA NITRIDING SKD11 DIE STEEL IN AN ATMOSPHERIC PRESSURE PLASMA JET	TAG-S3-013 - Chi Chen Title: DIAGNOSIS FOR 2.4GHZ COAXIAL MICROWAVE DRIVEN PLASMA	TA7-52-029 - KANCHI SUNIL Title: DESIGN AND STUDY OF 40KJ CAPACITOR BRANK FOR DENSE PLASMA APPLICATIONS	TA8-S4-029 - Feng Lan Tale: SUB-TERAHERTZ BROADBAND INDEPENDENTLY ELECTRICALLY TUNABLE PHASE- SHIFT HORN-SHAPED METAMATERIALS EMBEDDED WITH GAAS DIDDE
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tol Aviv	TAL3-LOSO - Rohit Medwal Title: PLASMA ASSISTED HYDROGEN FUNCTIONALIZATION OF GRAPHENE/SI FOR PHOTODETECTION	TA2-S3-O25 - Khawar Nadeem Title: A RECTANGULAR CORRUGATE KU-BAND BWO WITH DUAL RESONATOR	TA35L058 - Utlansh Shashank Title: SPIN-TRANSPORT STUDY IN STRONTIUM TTANATE BASED TWO-DIMENSIONAL ELECTRON GAS CREATED BY ARGON IONS	TA4-55-002 - Sree Harsha Srikantalah Tide: EFFECT OF ABERRATIONS IN FOCUSING ELEMENTS ON FEMTOSECOND FILAMENTS	TA5-51-061 - Wannakuwaththawaduge Thomas Leon Suganda Fernando Title: HYOPHILICITY VARIANCE ON THE ATMOSPHERIC PRESSURE PLASMA IRRADIATED POLYDIMETHYLSILOXANE SURFACES	TA5-52-010 - Manabu Tanaka Title: FLUCTUATION PHENOMENA IN MULTIPHASE AC ARC UNDER NITROGEN ATMOSPHERE	TA7-53-001 - Bucur Novac Title: A 1 MV TESLA GENERATOR	TAB-S4-037 - Haoyang Wang Title: A DIPOLE APPROXIMATION MODEL APPLICABLE TO BOTH ONE-AND TWO- COLOR CASES IN TRAHERIZ GENERATION PROCESS IN WATER
	TA1-S1-063 - RIDIP SARMA TILE: ELECTROSTATIC WAVE DYMAMICS IN A DENSE RELATIVISTICALLY DEGENERATE MAGNETISED PLASMA	TA2-S3-026 - Edi Schamilogiu Title: HIGH POWER AMPLIFER BASED ON INTERACTION BETWEEN MULTIPLE ELECTRON STREAM	TA3-52-003 - Zhanghu Hu Title: MODULATION OF ION BEAMS IN TVO-COMPONENT PLASMAS: THREE-DIMENSIONAL PARTICLE-IN-CELL SIMULATION	TA4-S5-005 - Sai Shiva Sakaraboina Title: A THREE DIMENSIONAL THREE TEMPERATURE RADIATION HYDRODYNAMIC SIMULATIONS OF LASER PRODUCED AIR PLASMA DYNAMICS IN AMBIENT ATMOSPHERIC AIR	TA5-S1-063 - Zulkifli Azman Title: ALUMINUM NITRIDE THIN FILM DEPOSITION BY DC AND HIGH-POWER IMPULSE MAGNETRON SPUTTERING	TA5-52-014 - Yusuke Nemoto Title: CALCULATION OF ELECTRON AND HEAVY PARTICLE TEMPERATURE WITH TRANSIENT RECOVERY VOLTAGE USING BY 3- D ELECTROMAGNETIC THERMAL FLUID SIMULATION	TA7-S3-002 - Bucur Novac Title: A SUPERSONIC UNDERWATER PULSED ACOUSTIC SOURCE	TA8-S4-043 - Shengkun Jiang Title: METASURFACE SLOW WAVE STRUCTURE FOR 220 GHZ-SHEET BEAM TRAVELING WAVE TUBE
	TA1-51-066 - Mikhail Viktorov Title: ZEBRA-LIKE PATTERNS IN WHISTLER WAVE EMISSION SPECTRA FROM NONEQUILIBRIUM MIRROR- CONFINED LABORATORY PLASMA	TA2:32-028 - Melajn Ilu Title: DISPERSION RELATIONSHIP OF A SPLIT INTRO RESONATOR METAMATERIAL ARRANGED IN A CIRCULAR WAVEGUIDE	TA3-52-004 - Claude Fourment Title: PROPAGATION OF AN INTENSE RELATIVISTIC PULSED ELECTRON BEAM THROUGH LOW PRESSURE HELIUM	TA4-S5-004 - Nagaraju Guthikonda Tide: MATERIAL DEPENDENCE OF LATERAL CONFINEMENT OF LASER INDUCED AIR PLASMA	TA5-51-065 - Josh Morsell Title: DESIGN AND CHARACTERIZATION OF AN OPEN CHANNEL MICROFLUIDICS TEST BED FOR ATMOSPHERIC PLASMA DISCHARGES	TA5-52-016 - Honoka Morishita Title: DEVELOPMENT OF 3-D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR CALCULATION OF METAL VAPOR GENERATE DEROM ELECTRODES BY ARC DISCHARGE	TA7-35-012 - Rick Spielman Title: INDIVIDUAL BRICK PERFORMANCE FOR THE CINCO PULSED-POWER IVER USED FOR EQUATION-OF-STATE EXPERIMENTS*	TA8-55-003 - Guo Xiaoqing Titile: HEMT DIODE TERAHERTZ WAVE MODULATOR LOADED IN RECTANGULAR WAVEGUIDE
	TA1-S1-069 - Mengjun Xie Title: ThE INFLUENCE OF MAGNETIC SHIELDING ON THE MAGNETIC FIELD STRUCTURE OF PENNING ION SOURCE	TA2-S3-031 - PATRIZIA LIVRERI TITIE: A SIMPLIFED DESIGN PROCEDURE OF A DOUBLE-GAP HUGHES-TYPE COUPLED-CAVITY FOR A KA-BAND EIK	TA3-52-005 - Ricky Ang Title: FRACTIONAL MODEL OF FIELD EMISSION TO SPACE CHARGE LIMITED CURRENT FOR ROUGH METALLIC CATHODE	TA4-52-021 - Nisha Singh Rathore Title: STUDY OF MODULATION INSTABILITY AND ENVELOPE EXCITATION IN PARTIALLY STRIPPED MAGNETIZED HIGH DENSITY QUANTUM PLASMA (added on 24 Nov)	TA5-S1-066 - Ndiffo Yemeli Gervais Biondel Title: ACITVATION OF WATER (PAW) BY NON-THERMAL PLASMA FOR MAIZE GROWTH: AGEING AND CONCENTRATION EFFECT OF PAW	TA5-S2-017 - Masahiro Takagi Title: DEVELOPMENT OF 3-D ELECTROMAGNENTC THERMAL FLUID SIMULATION FOR ANALYZING MOVEMENT AND DISAPPEARANCE OF MULTIPLE CATHODE SPOTS IN VACUUM ARC	TA7-S3-015 - SUBHANARAYAN SAHOO TIHI: EFFECT OF SURFACE DEGRADATION OF ACTUATOR ON ELECTROMAGNETIC PULSE WELDING	TA8-S5-008 - Liu Chunyu Tale: DUAL STRUCTURED TERAHERIZ BEAM GENERATORS BASED ON ALL-DIELECTRIC METASURFACES
				TA4-S5-020 - Swarvanu Ghosh Title:CHARACTERIZING WEIBEL- FILAMENT SCALE SIZE IN COUNTER-STREAMING PLASMA FLOWS UNDER VARYING PLASMA CONDITIONS				

Time				Day 3 - 8 De	cember 2020					
1100 – 1230 Singapore/Beijing 1200 – 1330 Tokyo 0830 – 1000 Delhi 0500 – 0630 Tel Aviv 0300 – 0430 London 2200 – 2330 (-1) Washington DC 1900 – 2030 (-1) San Diego (US)	Awards Presentation									
1030 – 1230 Delhi 1030 – 1230 Delhi 0700 – 0900 Tel Aviv 0500 – 0700 London	SC: Rajdeep Singh Rawat Women in Engineering (W SC: Mark Lim									
2100 – 2300 (-1) San Diego (US)	Young Professionals Netw SC= Session Chair	vorking Symposium (YPNS)	@ICOPS2020)							
2000 – 2200 Singapore/Beijing 2100 – 2200 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 9900 Washington DC 0400 – 0600 San Diego (US)	SC- Session Chair	Poster Sesstion - 3 (List of posters is after parallel sessions below)								
				PARALLEI	SESSSIONS					
	D3N1-TA1.2 SC: Joe Theis	D3N2-TA2.4 SC: Sheel Aditya	D3N3-TA3.3 SC: Wu Lin	D3N4-TA4.6 SC: Mary Ann Sweeney	D3N5-TA5.2 SC: Toru Iwao	D3N6-TA5.4 SC: Danhua Mei	D3N7-TA7.4 SC: James Schrock	D3N8-TA8.4 SC: Wenxin Liu		
E T P P	TA1-S2-028 - Ho Jun Kim EFFECTS OF THE ELECTRODE FEMPERATURE ON SPATIAL DISTRIBUTIONS OF PLASMA PARAMETERS IN INTERMEDIATE PRESSURE CAPACITIVELY COUPEDE PLASMAS Invited Taik - 30 min)	TA2-S4-011 - Reginald Jaynes MICROFABRICATION AND MICROMACHINING FOR MILIMETER-WAVE TRAVELING WAVE TUBES (Invited Talk - 30 min)	TA3-S3-003 - Fang LIU (Invited Talk - 30 min) CHERENKOV RADIATION BASED ON NANOSTRUCTURES	TA4-S6-032 - Nicholas Aybar SIMULTANEOUS MEASUREMENTS OF GAS-PUFF 2-PINCH PARAMFETRS USING VISIBLE SPECTROSCOPY (Invited Talk - 30 min)	TAS-52-029 - Hai-Xing Wang CHEMICAL NON-EQUILIBRIUM SIMULATION OF AN ARGON TRANSFERRED ARC WITH CROSS- FLOW (Invited Talk - 30 min)	TAS-S4-011 - Tao Shao EFFICIENT CONVERSION OF GREENHOUSE GAS INTO VALUE- ADDED CHEMICALS WITH NON- THERMAL NANOSECOND PULSED PLASMA (Invited Talk - 30 min)	TA7-S4-026 - John Mankowski COMPACT PULSED POWER AT TEXAS TECH UNIVERSITY (Invited Talk - 30 min)	TA8-S4-041 - Wenxin Liu DEVELOPMENT THE G- AND Y- BAND FOLDED WAVEGUIDE TRAVELING WAVE TUBES (Invited Talk - 30 min)		
	rA1-52-053 Ade D Pratama SIMULATION OF ATMOSPHERIC PRESSURE DC PLASMA TORCH JSING ARGON GAS 15 min)	TA2-S4-012 - Jun Chen Preparation of ZnO nanowire field emitter arrays and their device applications (Invited Talk - 30 min)	TA3-53-010 - Gennady Shvets (15 min) TRANSITION RADIATION IN PHOTONIC TOPOLOGICAL CRYSTALS: QUASI-RESONANT EXCITATION OF ROBUST EDGE STATES BY A MOVING CHARGE	TA4-56-016 - Ziwei Chen IMPLOSION DYNAMICS AND RADIATION OF PRECONDITIONED HYBRID X-PINCH (15min)	TAS-52-011 - Manabu Tanaka (15min) PLANAR THERMAL PLASMA JET IN DIODE-RECTIFIED AC ARC SYSTEM UNDER ATMOSPHERIC PRESSURE	TAS-54-010 - Ivan Ganachev WALL SURFACE CURRENTS IN INDUCTIVELY COUPLED PLASMAS FOR MATERIAL PROCESSING (15min)	TA7-S4-001 - Zhe Fan MICROSECOND PULSED SPARK DISCHARGE PLASMA TREATMENT ON HEAVY OIL MODEL COMPOUNDS FOR HYDROGEN PRODUCTION (LISmin)	TA8-S4-011 - TIANNING ZHANG Title: NONLINEAR THZ OPTICAL RESPONSE OF 3D TOPOLOGICAL DIRAC/WEYL SEMIMETALS (15min)		
P L	FAI-52-055 - Joseph Theis PREDICTION OF PASCHEN'S LAW SING SPEED-LIMITED PARTICLE- N-CELL SIMULATION 15 min)	TA2:34:007 - Hexin Wang THE STUDY OF VERY LOW VOLTAGE PLANAR SLOW WAVE STRUCTURE FOR COMPACT TWT (15 min)	TA3:33:013 - Surbhi Gupta Title: FERROELECTRIC- PHOTOVOLTAIC AND OPTOELECTRONIC-SENSING RESPONSE TO SUBSTITUTION ENGINEERING OF SPIN CASTED BIFEO3 THIN FILMS	TA4:56:019 - Raul Melean PULSED-POWER MAGNETIZED JETS FOR THE STUDY OF STAR FORMATION (15min)	TA5-52-015 - Yuki Suzuki (15min) ANALYSIS OF TEMPERATURE DISTRIBUTION AND ABLATION GAS CONCENTRATION DISTRIBUTION UNDER CONSIDERATION OF NOZZLE ABLATION CAUSED BY SPIRAL ARC APPLIED AXIAL MAGNETIC FIELD	TA5-54-013 - Rusen Zhou FUELING THE FUTURE: PLASMA- ENABLED DIRECT LIQUID ETHANOL CONVERSION FOR HYDROGEN GAS AND C- MATERIALS PRODUCTION (15min)	TA73-64-004 - Denis Zolotukhin TWO-STAGE MICRO-CATHODE MPD THRUSTER AND ITS IMPROVEMENT BY THE THRESHOLD BEHAVIOR OF THE MAGNETIZED ARC (15min)	TA8:54-014 - Jeremy Lim Title: ANOMALOUS SUPPRESSION OF HIGHER-ORDER NOMLINEARITIES IN 3D DIRAC SEMIMETALS (15min)		
2300 – 2400 singapore/ beijing 2300 – 0100 (+1) Tokyo 1930 – 2130 Delhi	rA1-52-056 - Gregory Werner MODELING PLASMA PROBES WITH SPEED-LIMITED PARTICLE-IN- ELL SIMULATION 15 min)	TA2-S4-013 - Xianlong Wei ON-CHIP THERMIONIC ELECTRON SOURCES BASED ON GRAPHENE AND CARBON NANOTUBES (15 min)	TA3-S3-015 - Paul Lee Title: MODIFICATIONS OF TUNGSTEN SUBSTRATES FOR IMPROVED SUBSTRATES FOR USING DENSE PLASMA	TA4-S6-022 - Paul Campbell Controlling Magneto Rayleigh- Taylor Instabilities with a Dynamic Screw Pinch (15min)	TA5-S2-023 - Waldo Bongers (15min) PLASMA AS FEASIBLE OPTION FOR RENEWABLE ENERGY ORIVEN HYBRID (NON)EQUILIBRIUM CHEMISTRY	TA5-S4-018 - Dingchen Li THE INTERCEPTION OF FOG BY IONIC WIND INDUCED BY CORONA DISCHARGE IN A WIRES- MESH ELECTRODE (15min)	TA7-S4-020 - Myung-Geun Song DESIGN, FABRICATION AND EXPERIMENTAL RESULTS OF A FOUR-STAGE INDUCTION COLLGUN USING PULSED POWER FOR LAUNCHING HEAVY PROJECTILE (15min)	TA8-S4-036 - Weidong Wu Title: THERMALLOCALIZATION ENHANKED TERAHERTZ PHOTOTHERMOELECTRIC RESPONSE IN QUASI-ONE- DIMENSIONAL MATERIAL NBS3 (15min)		
К А Р	IA1-S2-OS8 - Thomas Jenkins KINETIC DISPERSION RELATIONS AND THE SPEED-LIMITED PARTICLE-IN-CELL ALGORITHM 15 min)	TA2-S3-042 - Bilawal Ali* Titile: DESIGN AND SIMULATION STUDY OF S-BAND MILO-BASED RADIATION SYSTEM		TA4-S6-024 - Jeremy Chittenden 3D MHD SIMULATIONS OF WIRE ARRAY RADIATION ABLATION EXPERIMENTS AND MAGNETISED LINER FUSION (15min)	TA5-52-026 - Zachary Jeckell (15min) ATMOSPHERIC-PRESSURE MICROWAVE-PLASMA-PRODUCED ANT-CORROSION AND ADHESION- PROMOTION THIN FILMS	TAS-S4-043 - Guido Link NON-EQUILIBRIUM ATMOSPHERIC AND MICROWAVE SUSTAINED PLASMA FOR CO2 CONVERSION (15min)	TA7-S4-022 - Huantong Shi EFFECTS OF CIRCUIT INDUCTANCE ON ELECTRICAL AND SHOCK WAVE CHARACTERISTICS DURING UNDERWATER COPPER WIRE EXPLOSION (15min)	TA8-S4-039 - Jinjing Luo IMPROVEMENT OF 0.34 THZ SHEET BEAM SINE WAVEGUIDE TRAVELING WAVE TUBE (15min)		
к 11 С 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	FA1-52-046 - Kostyantyn Korytchenko Tile - NUMERICAL NVESTIGATIONAL EXCITATION PF UBRATIONAL EXCITATION PROCESS ON DURECT DETONATION INITIATION IN A YUROGGEN OXYGEN MIXTURE BY PARK DISCHARGE 15 min)			TA4-S6-025 - Alla Safronova X-RAY RADIATION FROM COMPACT TUNGSTEN WIRE ARRAYS AT 1 MA CURRENT (15min)	TAS-S2-028 - Sayan Biswas (15min) EXPRIMENTAL AND NUMERICAL INVESTIGATION OF NANO- SECOND THERMAL PLASMA IGNITION	TAS-S4-052 - Haneul Lee CHARACTERIZATION OF COUPLING COEFFICIENT FOR TRANSFORMER MODEL APPLICATION IN NON-INVASIVE PLASMA MONITORING (15min)	TA7-S4-027 - Ranashree Ram EFFECT OF MUTUAL FLUX UNKAGE BETWEN STAGES ON THE PROJECTILE MOTION IN A MULTISTAGE INDUCTION COLIGUN (15min)			
				TA4-56-028 - Georgy Dleynik PLASMA PRODUCTION ON THE CURRENT CARRYING ELECTRODES AT THE ANGARA-5-1 (15min)	TAS-52-035 - Ryudal Furukawa (15min) IMAGING OF FEEDSTOCK PARTICLE DYNAMICS IN THERMAL PLASMA FOR NANOPARTICLE SYNTHEISS BY LASE-STROBE MEASUREMENT		TA7-S4-028 - Deepak Kaushik NUMERICAL MODELING AND ANALYSS OF THE EFFECTS OF PROCESS PARAMETERS ON PULSED ELECTROMAGNETIC CRIMPING (15min)			
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		2hrs	2hrs	2hrs	1 hr 45 min	1 hr 45 min	1.5 hrs	2hrs		

Time				Poster Sessic	on -3 on Day 3			
	Title: NEJAT LAWS FOR PLASMA BEHAVIOR BETWEEN TWO PLATES	Title: DESIGN OF A TWT CONIC HELIX SLOW-WAVE STRUCTURE FOR HIGH EFFICIENCY AND BWO	TITIE: HYBRID SIMULATION OF HIGH INTENSITY ELECTRON BEAM PROPAGATION THROUGH A LOW	EMISSIONS FROM FEMTOSECOND	TA5-52-018 - Masashi Shimazaki Title: MOVEMENT SPEED VARIATION OF CATHODE SPOT AFFECTED BY MAGNETIC FLUX DENSITY MAGNITUDE OF ALTERNATING MAGNETIC FIELD	TA5-S5-002 - Chaoyang Zhang Title: LOW-TEMPERATURE STERILIZATION BY ATMOSPHERIC PRESSURE PLASMA JET	DRIVER (LTD) CAVITY AT UNIVERSITY OF MICHIGAN	TA8-SS-017 - Wei Feng Title: EFFICIENT PHASE MODULATION OF THZ WAVE WITH A PHOTO-INDUCED DYNAMIC VANADIUM DIOXIDE EIT META-SURFACE
	Title: SCHLIEREN IMAGING	Title: ADAPTING THE LARGE- SIGNAL CODE TESLA TO THE MODELING OF BWOS	Title: EXPERIMENTAL AND NUMERICAL STUDIES OF ELECTRON BEAM PROPAGATION	TA4-S5-008 - ARATI DASGUPTA Title: SPECTROSCOPIC DIAGNOSTICS USING LINE RADIATION IN LASER IVEN NON- EQUILIBRIUM PLASMAS	TA5-S2-021 - Shinichiro Kashiwagi Title: CALCULATION OF ARC TEMPERATURE DISTRIBUTION WITH CHANGING NOZZLE SHAPE	Title: VIABILITY OF SHELF LIFE	TA7-53-028 - Saikang SHEN Title: APPLICATION OF REPETITIVE NANOSECOND PULSE GENERATOR BASED ON AVALANCHE TRANSISTORS IN PLASMA JET	
	TAI-SI-015 - Zhengshi Chang Title: THE EFFECTS OF SEEC AND PERMITTIVITY OF DIELECTRIC ON PROPERTIES OF ARM/NH3 DBD BY EMPLOYING 1D NUMERICAL MODEL		Title: STUDY ON THE STABILITY OF THE ELECTRON BEAM GENERATED	Title: DEVELOPMENT OF A GAS-	TA5-52-022 - Yuki Sugiyama Title: ARC DEFLECTION LENGTH AFFECTED BY DIAGNAL MAGNETIC FIED IN 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION		TA7-54-007 - canhui shi Title: CONTINUOUS PULSED ELECTRIC FIELD TREATMENT OF MICROORGANISMS USING DIFFERENT ELECTRODE TOPOLOGY	TAB-S5-023 - Xiaojian Fu Title: TERAHERTZ CODING METAMATERIALS FOR FLEXIBLE BEAM MANIPULATIONS

2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo	TAI-S1-014 - Anbang Sun Title: 2D FLUID SIMULATIONS OF THE INTERACTION BETWEEN STREAMERS AND DELECTRICS: CHARACTERISTICS OF SURFACE CHARGE	Title: S-BAND MAGNETICALLY INSULATED LINE OSCILLATOR (MILO) WITH ADJUSTABLE	TA3-S2-020 - Shengkun Jiang Title: RESEARCH OF PCM AND UNIFORM MAGNETIC FIELD FOCUSING IN SHEET ELECTRON BEAM	TA4-S6-023 - Simon Bland Title: AN ULTRA-PORTABLE X- PINCH FOR PROBING WARM DENSE MATTER	TA5-S2-024 - Jun-Ho Seo Title: PERFORMANCE TEST OF A REVERSE POLARITY PLASMA TORCH FOR MELTING APPLICATIONS OF NON- COMBUSTIBLE WASTES	TA5-S5-011 - Jiali Chen Title: SILICON CARBIDE NANOSHEETS WERE PREPARED BY HELICON WAVE PLASMA CHEMICAL VAPOR DEPOSITION	TA7-S4-010 - Canhui Shi Title: INDIRECT CONTACT PULSED ELECTRIC FIELD TREATMENT USING CERAMIC ELECTRODES WITH HIGH DIELECTRIC CONSTANT	TA8-S5-030 - Amy MacLachlan Title: OVERMODED, HIGH-POWER 0.2 THZ RADIATION SOURCE BASED ON A CVINICAL 2D PERIODIC SURFACE LATTICE CAVITY
1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC 0400 – 0600 San Diego (US)		TA2-S3-046 - Vishant Gahlaut Title: FIVE-STAGE DEPRESSED COLLECTOR FOR HIGH EFFICIENCY SPACE TWTS	TA3-S2-022 - Haruyasu Ishida Title: DEVELOPMENT OF BIPOLAR PULSE ACCELERATOR FOR HIGH- PURITY INTENSE PULSED ION BEAM TO MATERIAL PROCESSING	TA4-S6-026 - Nicholas Aybar Title: MAGNETIC FIELD CHARACTERIZATION OF OXYGEN GAS-PUFF Z-PINCH USING SPECTROSCOPIC TECHNIQUES	TA5-S2-031 - Sang-Min Chung Title: SURFACE TREATMENT OF CARBONACEOUS POWDER BY INDUCTION PLASMAS	TA5-S5-017 - LI LIN TITLE: PLASMA-TARGET AT STEADY STATE: A GENERAL METHOD OF REACTIVE SPECIES DOSAGE ESTIMATION FOR PLASMA JET MEDICINE	TA7-S4-011 - Shu Yang Title: AN IMPROVED DESIGN METHOD OF SNUBBER CIRCUIT FOR HIGH-VOLTAGE DIODE RECTIFIER IN ACCELERATION GRID POWER SUPPLY	TA8-S6-016 - Yayun Cheng Title: PASSIVE TERAHERTZ MULTI- POLARIZATION IMAGING EXPERIMENTS FOR PERSONNEL SCREENING APPLICATION
	TAI-32-013 - Chang Ho Kim Title: THE EFECT OF SECONDARY ELECTRON EMISSION ON ELECTRON HEATING AND ION TRANSPORT IN CAPACITIVELY COUPLED RF PLASMAS	TA2-54-006 - Jun Dai Title: MODELMG OF A HIGH- POWER TERAHERTZ VACUUM PHOTOMIXER SOURCE	TA3-52-023 - LI Qiang Title: PARTICLE SIMULATION FOR THE C-BAND SINGLE-INJECTION KL- -YSTRON AMPLIFIER	CONDITIONS ON CHARGED PARTICLE ACCELERATION IN A DENSE PLASMA FOCUS	TAS-S3-001 - Potrivitu George- Cristian Title: SCALING LAWS FOR VERY LOW-CURRENT LABG THERMIONIC CATHODES FOR RELECTRIC PROPULSION SYSTEMS FOR SMALL SATELLITES	TA5-S5-023 - Ferhat Bozduman Title: TREATMENT OF SKIN CANCER BY USING ATMOSPHERIC PRESSURE COLD PLASMA METHOD	TA7-54-015 - LI PENGRI TILE: EFFECTS OF PULSED ELECTRIC FIELD TREATMENT ON LIPASE ACTIVITY	TA8-56-026- Bingbing Wang Title: TERAHERIZ IMAGING BASED ON 5I:P BLOCKED IMPURITY BAND DETECTOR
	TA1-S2-015 - John Luginsland Title: OHM'S LAW IN THE SLOW LAME: GALLEAN INVARIANT ELECTROMAGNETIC CLOSURES FOR ELECTRON-ION PLASMAS	TA2-S4-008 - Duo Xu Tale: AN ALGORITHM FOR CALCULATING THE OPERATING VOLTAGE OF COMPLEX SLOW WAVE STRUCTURES	TA3-S3-002 - Tianyu Zhang Tule: EXTREMELY CONFINED ACOUSTIC GRAPHENE PLASMONS EXCITED BY FREE-ELECTRON- BEAMS	TA4-S6-033 - Łukasz Marciniak Trate-FUSION NEUTRON EMISSION AND PLASMA DYNAMICS IN THE PF-24 DEVICE OPERATED WITH D2 AND D2-NE MIXTURES – EXPERIMENTS AND SIMULATIONS	TA5-S3-007 - Yufei Sun Title: PRELIMINARY EXPERIMENTS ON ROTAMAK-LIKE PLASMA ENGINE	TA5-S5-029 - Subhanarayan Sahoo Title: TERMINATION OF MAGGOTS FROM GREEN PLANT BY DEVELOPED MICROWAVE SOURCE	Title: COMPARISON AND VALIDATION OF TWO	TA8-S7-005 - Yinian Feng Title: A COMPACT G-BAND DIPLEXER BASED ON QUASI- ELLIPTICAL FILTER
	TA1-S2-016 - Amanda Lietz Title: ESTIMATING SECONDARY ELECTRON VIELDS USING PLASMA DISCHARGE MODELING	TA2-S4-009 - Andrey Starodubov Title: AN ORIGINAL APROACH FOR MICROFARICATION OF METAMATERIALS PATTERNS FOR MILLIMETER-BAND VACUUM MICROELECTRONIC DEVICES	TA3-S3-018 - Stanislav Makarkin Title: AN ANALYSIS OF SPATTALLY LOCALIZED CLUSTERS OF SPACE CHARGE IN NON-LAMINAR ELECTRON BEAMS OF LOW- VOLTAGE VIRCATORS		TA5-S3-009 - Lubos Brieda Title: STUDY OF VACUUM ARC FORMATION USING A ONE- DIMENSIONAL CPU/GPU PARTICLE CODE	TA7-S4-038 - 1. V. Jawahar Reddy Title: DESIGN AND DEVELOPMENT OF 300/1 Ω VOLTAGE DIVIDER	TA5-S2-032 - Kostyantyn Korytchenko Title: EXPERIMENTAL INVESTIGATION OF PULSED ARC DISCHARGE GENERATED BY HIGH- ENERGY SPARK IGNITION SYSTEM	TA8-S7-007 - Diwei Liu Title: MODE COMPETITION IN THZ SOURCE WITH PARALLEL MULT- BEAM AND ARRAY STRUCTURE

Time					cember 2020 SESSIONS			
	D4M1-TA1.3	D4M2-TA2.5	D4M3	D4M4-TA4.6	D4M5-TA5.2	D4M6	D4M7-TA7.4	D4M8-TA8.5
	SC: Hae June Lee TAI-S3-002 - Xiaogang Wang INTRODUCTION TO SPACE ENVIRONMENT EXPERIMENT RESEARCH FACILITY (SPERF) (Invited Talk - 30 min)	SC: He-Ping Li TA2-55-007 - Xlaolin Jin APPLICATION AND IMPLEMENT OF 3D FASTPIC SIMULATOR (Invited Talk - 30min)		SC: Ryan McBride TA4-S6-037 - Simon Bland PULSED POWER DRIVEN UNDERWATER WIRE ARRAY EXPLOSIONS AND THEIR USE TO PROPEL HIGH SPEED FLYER PLATES	SC: Hai-Xing Wang TA5-52-030 - Igor Kaganovich VALIDATED MODELING OF ATMOSPHERIC - PRESSURE ANODIC ARC AND SYNTHESIS OF CARBON NANOMATERIALS		SC: James Schrock TA7-S4-031 - Fatima Zahra BOUDARA ACCURATE 3D NUMERICAL MODELING AND EXPERIMENTAL VERIFICATION OF STRONGLY	SC: Yaxin Zhang TA8-55-024 - Willie Padilla ACCELERATED TERAHERTZ METASURFACE DESIGN WITH DEEP LEARNING (Invited Talk - 30 min)
	TA1-53-004 - Min Sup Hur	TA2-SS-014 - Yongdong Li		(Invited Talk - 30min) TA4-56-042 - Alexander Rososhek	(Invited Talk - 30 min) TAS-52-036 - Keita Akashi		COUPLED UNSHIELDED PULSED ELECTROMAGNETIC COUPLER FOR SMART GRID APPLICATIONS (15min) TA7-54-032 - Feng Yu	TA8-S5-028 - Ranjan Singh
	STUDY OF COSMIC RADIO BURSTS IN LAB-SCALE PLASMAS (Invited Talk - 30 min)	UNIPIC: A CONFORMAL PARTICLE- IN-CELL CODE FOR HIGH POWER MICRWOWAVE AND PULSE DISCHARGE (Invited Talk 30min)		ENHANCED CONVERGENCE OF A CYLINDRICAL SHOCKWAVE (15min)	(15min) EFFECT OF INTERMITTENT INJECTION TIMING OF QUENCHING GAS ON COMPOSITION AND PARTICLE SIZE OF SJ/C NANOPARTICLES SYNTHESIZED BY MODULATED INDUCTION THERMAL PLASMA		SOLID-STATE LINEAR TRANSFORMER DRIVER USING INDUCTIVE ENERGY STORAGE (15min)	Title: GIANT KINETIC INDUCTANC IN HIGH-TC SUPERCONDUCTING METACAVITIES (15min)
1100 – 1300 Singapore/Beijing	TA1-S3-020 - Chengran Du INTERFACIAL PHENOMENA IN A PHASE-SEPARTED BINARY COMPLEX PLASMA: EXPERIMENTS AND SIMULATIONS (Invited Taik - 30 min)	TA2-S5-004 - Xiaofang Zhu COMPUTER AIDED SIMULATION OF ASSEMBLY PROCESS AND KEY ASSEMBLY PARAMETERS OF TWT (15 min)		TA4-S6-043 - Mark Hess ELECTRON DYNAMICS WITHIN A MAGNETICALLY INSULATED TRANSMISSION LINE CONTAINING A LOAD (15min)	TA5-52-037 - Kazufumi Hata NUMERICAL SIMULATION OF AR/CH4/H2 MODULATED INDUCTION THERMAL PLASMA FOR DIAMOND FILM DEPOSITION (15min)		TA7-S4-034 - Wasekul Azad A FOUR-STAGE CAPACITIVELY COUPLED HIGH-VOLTAGE SIC SWITCH POWERED BY A SINGLE GATE DRIVER (15min)	TA8-S5-012 - Lin Chen Title: TUNABLE PHASE TRANSITION IN ATR BASED METASURFACE AND ITS APPLICATIONS IN TERAHERTZ FINGERPRINT SENSING (15min)
1200 – 1400 Tokyo 0830 – 1030 Delhi 0500 – 0700 Tel Aviv 0300 – 0500 London 2200 – 2400 (-1) Washington DC 1900 – 2100 (-1) San Diego (US)	TA1-S3-025 - Paul Bernhardt STRONG AMPLIFICATION OF ELF/VLF SIGNALS IN SPACE USING NEUTRAL GAS INJECTION FROM A SATELLITE ROCKET ENGINE (15 min) TA1-S3-023 - Bengt Eliasson	TA2-SS-012 - Chun Yun Kee GPU ACCELERATED EM MODELING TOOL FOR ELECTRICALLY LARGE OBJECTS (15 min) TA2-SS-018 - Alexander Vlasov		TA4-S6-045 - Daoyuan Zhang STUDY OF INSIDE PLASMA PRECURSOR AND OUTSIDE PLASMA INSTABILITY OF EXPLODING LINER (15min) TA4-S6-046 - Eric Lerner	TAS-S2-038 - Mako Yoshida ICP MS/AES SIMULTANEOUS ANALYSIS SYSTEM FOR TRACE ELEMENTS IN A SINGLE HUMAN CELL (15min) TAS-S2-039 - Wang Yiran		TA7-54-035 - Matthew Woodyard DESIGN AND TESTING OF A COMPACT 1 MV CLASS TESLA TRANSFORMER (15min) TA7-54-036 - Roman Shapovalov	TA8-S5-018 - Yue Wang SENSITIVE DETECTION OF CHLORPYRIFOS PESTICIDE USING TERAHERTZ METASURFACE (15min) TA8-S5-026 - Wullin Tong
	OSSERVATION AND NUMBRICAL MODELLING OF IONOSPHERIC BEAT-WAVE BRILLOUIN SCATTERING AT EISCAT (15 min)	ADIOINT APPROACH TO OPTIMIZATION OF BEAM WAVE INTERACTION (15 min)		OPTIMIZATION OF A MEGA- AMPERE DPF WITH MONOLITHIC BERYLLIUM ELECTRODES FOR HIGH NEUTRON YIELD (15min)	SYSTHESIS OF AMORPHOUS OXIDE ELECTROLYTE NANOPARTICLES FOR ALL-SOLID-STATE BATTERY BY INDUCTION THERMAL PLASMA (15min)		INF39430F COMPARISON OF STANDARD-BRICK AND DRY-BRICK PULSER CONFIGURATIONS (15min)	THE SINULATION ON THE SINULATION ON ABSORPTION PROPERTIES OF DUAL SPLIT RING RESONATOR (DSRR)/GAAS-BASED BLOCKED IMPURITY BAND (BIB) HYBRID STRUCTURE (15min)
	TA1-53-005 - Nakul Nuwal KINETIC MODELING OF SNAPOVER ON SPACECRAFT SOLAR-PANEL SURFACES (15 min)	TA2-55-019 - Simon Cooke RECENT ENHANCEMENTS IN ELECTROMAGNETIC PARTICLE-IN- CELL MODELING WITH NEPTUNE (15 min)		TA4-S6-049 - Ioannis Fitilis INFLUENCE OF Z-PINCH WIRE GEOMETRICAL CHARACTERISTICS ON THE GENERATION OF THE ELECTROTHERMOMECHANICAL AND PLASMA INSTABILITIES (15min)	TA5-S2-041 - Byeong-II Min SYNTHESIS OF 3-LITHIUM GARNET SOLID ELECTROLYTE FOR ALL SOLID STATE LITHIUM ION BATTERY BY INDUCTION THERMAL PLASMA (15min)		TA7-S4-037 - Roman Leduc HIGH FREQUENCY DATA CONVERSION SYSTEM WORKING UNDER ELECTROMAGNETICALLY DISTURBED ENVIRONMENT (15min)	TA8-S5-027 - Rebecca Seviour BIO-INSPIRED THZ AND OPTICAL ARTIFICAL ELECTROMAGNETIC MEDIA (15min)
		TA2-55-020 - Luke Silvestre DEVELOPMENT OF A VLASOV EQUATION BASED NUMERICAL MODEL OF MULTIPACTOR DISCHARGE (15 min)		TA4-56-050 - [Tal Queller] RADIAL CURRENT DISTRIBUTION OF A GAS-PUFF SELF IMPLODING PLASMA CLOSE TO STAGNATION (15min)	TA5-52-043 - Zihan Pan THE EFFECTS OF PARTICLES VAPOR ON ARC PLASMAS (15min)		TA7-54-040 - Nail Tosun A COMPARISON O VELOCITY SKIN EFFECT MODELING WITH 2-D TRANSIENT AND 3-D QUASI- TRANSIENT FINITE ELEMENT METHODS (15min)	
							TA7-34-044 - Edwin Oshin COLD PLASMA-INDUCED CHANGE IN ELECTRIC PROPERTIES OF CANCER CELLS IN VITRO (15min)	
1330 – 1500 Singapore/Beijing								
1430 – 1600 Tokyo 1100 – 1230 Delhi 0730 – 0900 Tel Aviv 0530 – 0700 London 0030 – 0200 Washington DC	SC: Willie Padilla	- TA5-S5-025: ATMOSPHER			S IN LIFE SCIENCE			
2130 – 2300 (-1) San Diego (US)	Plenary 6 - Michael Johns SC = Session Chair	ston - TA8-S6-024: FROM T	ERAHERTZ SPECTROSCOP	7 TO NOVEL DEVICES				
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC 0400 – 0600 San Diego (US)		I	Poster Sesstion	- 4 (List of poster	rs is after paralle	el sessions below)	
0400 = 0600 San Diego (03)				BABAUE	SESSIONS			
	D4N1-TA1.4+TA1.1	D4N2-TA2.7	D4N3	D4N4-TA4.6 + TA4.7	D4N5-TA5.3	D4N6-TA5.4	D4N7-TA5.5	D4N8-TA8.6
	SC: Satoshi Hamaguch TA1-S4-013 - Quan-Zhi Zhang NON-LINEAR SHEATH	SC: John Leopold TA2-S7-007 - Qiuyue Nie FUNDAMENTAL THEORY AND		SC: Fabio Conti TA4-S6-039 - Andrea Schmidt SIMULATION-GUIDED	SC: Xu Shuyan TA5-S3-006 - Ashish Ganguli ROLE OF MAGNETIC FIELD FOR	SC: Renwu Zhou TA5-S4-026 - Weizong Wang Title: COMPUTER MODELING OF	SC: Michael Keidar TA5-S5-009 - Chunqi Jiang SYNERGISTIC EFFECTS OF	SC: Michael Johnston TA8-S6-025 - Amit Agrawal SHAPING LIGHT USING DIELECTR
	NUN-UNEAR SHEATH OSCILLATION MECHANISM IN SYMMETRIC CAPACITIVELY COUPLED PLASMA SHEATHS (Invited Talk - 30 min)	FUNDAMENTAL THEURY AND APPLIED TECHNOLOGY OF EM WAVE MODIFICATION AND CONTROL BY PLASMAS (Invited Talk - 30min)		SIMULATION-GUIDED EXPERIMENTS ON THE MEGAJOULE NEUTRON IMAGING RADIOGRAPHY (MJOLNIR) DPF (Invited Talk - 30 min)	ROLE OF MAGNETIC FIELD FOR EFFICIENT ELECTRON HEATING IN ECR PLASMAS FOR THRUSTER APPLICATION (15min)	INDE: COMPOTEX MODELING OF PLASMA BASED NITROGEN FIXATION: SEARCH FOR A BETTER UNDERSTANDING OF THE UNDERLYING MECHANISMS (Invited Talk - 30min)	SYNERGISTIC EFFECTS OF NANOSECOND PULSED PLASMAS AND ELECTRIC FIELDS ON CELLS AND SKINS (Invited Talk - 30min)	METASURFACES: FROM DEEP-UV TO THE TERAHERTZ (Invited Talk - 30 min)
	TAI-S4-001 - Jon Tomas Gudmundsson THE INFLUENCE OF MAGNETIC FIELD ON THE DEPOSITION RATE AND IONIZED FLUX FRACTION IN HIPIMS DISCHARGES (15 min)	TA2-S7-006 - Yang Cao HIGH-POWER MICROWAVE DRIVEN PLASMA WAKEFIELD IN A CYLINDRICAL WAVEGUIDE (15min)		TA4-57-016 - Christian Linsmeier ADVANCED PLASMA-FACING MATERIALS FOR FUSION: DEVELOPMENTS AND PERSPECTIVES (Invited Talk - 30 min)	TA5-S3-014 - John Slough PLASMA MAGNETO-SHELL AEROCAPTURE FOR PLANETARY MANNED AND CARGO MISSIONS (15min)	TA5-S4-046 - Steven Shannon Title: FASTER, SMALLER, DEEPER: THE CHALLENGES OF HIGH ASPECT RATIO ETCHING (Invited Talk - 30min)	PRESSURE AIR DBD PLASMA ON PHYSIO-CHEMICAL AND MICROBIAL PARAMETERS OF GROUNDWATER AND ITS USE IN AGRICULTURE	TA8-S6-027 - Abul Azad DYNAMICAL WAVE-FRONT SHAPING AND EXTREME NONRECIPROCITY WITH SPATIO TEMPORAL MODULATED METASURFACES (Invited Talk - 30 min)
	TA1-S4-006 - Yangyang Fu SIMILARITY OF LOW-PRESSURE RADIOFREQUENCY DISCHARGES (15 min)	TA2-S7-008 - Roman Zamchii EFFECT OF RF FIELDS ON ELECTRICAL BREAKDOWNS PRODUCED BY HIGH-VOLTAGE		TA4-S6-051 - Fabio Conti GAS PUFF Z-PINCH EXPERIMENTS WITH NE, AR AND KR ON THE CESZAR LINEAR TRANSFORMER DRIVER	TA5-S3-018 - Kentaro Hara CROSS-FIELD ANOMALOUS ELECTRON TRANSPORT DUE TO MULTIDIMENSIONAL PLASMA INSTABILITIES	TAS-S4-056 - Radha Krishna Murthy Bulusu Title: DEGRADATION OF PERFLUOROOCTANOIC ACID (PFOA) IN A NANOSECOND PULSE	(15min) TA5-55-013 - Naoyuki Iwata EFFECT OF RADICAL-ACTIVATED L- PHENYLALANINE SOLUTION ON SUPPORTED LIPID BILAYER (15min)	TA8-S6-001 - Rong Wang CROP WATER STATUS MONITORING BY TERAHERTZ IMAGING (15min)
2200 – 2400 Singapore/Beijing	(1111)	PULSES IN AIR AT AMBIENT CONDITIONS (15min)		(15min)	(15min)	PLASMA DISCHARGE GAS-LIQUID REACTOR (15min)		

INFLUENCE OF THE SECONDARY F ELECTRON EMISSION ON PLASMA UNIFORMITY IN VHF LOW-	TA2-57-017 - Stephen Langellotti RESULTS ON THE DESIGN AND TESTING OF A COAXIAL MULTIPACTOR TEST CELL (15min)		TA4-S7-017 - Shuyu Dai 3D SURO MODELLING OF BERYLLIUM EROSION AND DEPOSITION ON TUNGSTEN ROUGH SURFACES (15min)		Title: NANOSECOND REPETITIVELY PULSED LOW-TEMPERATURE PLASMA IGNITION OF	LIQUAFACTION OF FECAL MATERIAL THROUGH PLASMA	TA8-S6-006 - Wang Yueying ULTRA-FAST RESONANCE RESPONSE OF CANTILEVERED PROBE IN TDS S-SNOM (15min)
TALSL070 - Haoxuan Wang EXPERIMENTALSUBES OF ELECTRON EMISSION AND GAS BREAXDOWN FOR NANOSCALE DIODES AT ATMOSPHERIC PRESSURE (15 min)					Title: PLASMAS: A WAY TO PRODUCE GRAPHENE-BASED	PLASMA-DERIVED ROS ELIMINATE MELANOMA IN AN IMMUNOGENIC FASHION IN VIVO	TA8-S6-023 - Payam Rabiei ELECTRO-OPTIC NANO-PHOTONIC DEVICES FOR DETECTION OF ELECTRIC FIELDS FROM DC TO THZ FREQUENCY RANGE (15min)
TAI-SI-007 - M Campanell INNOVATIVE OPERATING MODES OF MANY PLASMA DEVICES EKABLED BY THERMIONIC SURFACES SHEATHS (15 min)						TAS-SS-028 – Liyang Zhang BIOLOGICAL EFFECTS OF ATMOSPHERICPRESSURE PLASMA JETS: IN STUS TUDY BY FOURIER TRANSFORM INFRARED SPECTROSCOPY (15 min)	
2 hrs	2hrs	2hrs	1.75hrs	2hrs			2hrs

Time				Poster Sessio	n - 4 on Day 4			
	TA1-S2-017 - Jarrod Leddy Title: PIC AND HYBRID SIMULATIONS OF PLASMA FORMATION IN SRF CAVITIES	TA2-S5-010 - Wenjing Cai Title: GPU-ACCELERATION AND OPTIMIZATION OF 3D FASTPIC SIMULATOR	TA3-S3-009 - Wei Jie Chan Title: ELECTRONIC COOLING OF NODAL-POINT SEMIMETALS AROUND ROOM TEMPERATURE	TA4-S6-044 - James Prager Title: SOLID-STATE HIGH VOLTAGE TRIGGER WITH FAST RISE TIME FOR HEDP APPLICATIONS	TA5-S4-003 - Zhan Zhao Title: USING THE SHOCK WAVES GENERATED BY UNDERWATER ELECTRICAL EXPLOSION FOR SEWAGE SLUDGE DEWATERING	TA5-S5-032 - Lutfi Oksuz Title: IMPACT OF PLASMA TREATMENT ON CHARACTERIZATIONS OF POLYMER COATED WOOL FABRICS	TA7-S4-039 - Travis Bejines Title: CINCO: PROGRESS ON A COMPACT 5-MA PULSER FOR HEDP	TA8-57-018 - Zhangliang Wang Title: DESIGN AND SIMULATION OF NOVEL HIGH GAIN TRAVELING WAVE TUBE
	TA152021 - Russell Hooper Trite: ALEPH: HIGHLY SCALABLE UNSTRUCTURED PIC-DSMC LOW TEMPERATURE PLASMA CODE	TA2:55:021 - Ian Rittersdorf Title: A ONE-DIMENSIONAL MODEL FOR RAPID CALCULATIONS OF A MOLYBDENUM LOADED ALUMINUM NITRIDE CERAMIC COMPOUND MILLIMETER-WAVE ABSORBER FOR WIRELESS POWER BEAMING	TA3-53-012 - Chao-Hai Du Title: GENERATING ORBITAL ANGULAR MOMENTUM TERAHERTZ RADIATION BASED ON SPOOF SURFACE PLASMON	TA4-56-047 - Dana Zimmer Title: INVESTIGATION OF CURRENT COUPLING PERFORMANCE IN Z MACHINE EXPERIMENTS WITH VARYING TRANSMISSION LINE AND LOAD HARDWARE GEOMETRIES	TA5-54-006 - Sheng-Yi Tang Title: CHARACTERISTICS AND APPLICATIONS OF HIGH- CONCENTRATION OZONE GENERATORS	TA5-SS-042 - Takahiro Enoki Title: INFLUENCE OF PULSED ELECTRIC FIELD ON PHOTOSYNTHESIS OF LEAF LETTUCE	TA7-3-4041 - Nail Tosun Title: ELECTROMAGNETIC LAUNCHER SPEED CONTROL WITH A MULTILEVEL FAST TRIGGERING TIME ALGORITHM (MFTTA)	TAB 57-030 - Vulia Oparina Title: MECHANIS OF STABILIZATION AND TERAHERTZ RADIATION FROM SHORT ELECTRON BUNCHES IN TWO- WAVE REGIMES
	TA1-52-022 - Thomas Jenkins Title: GLOBAL MODEL DEVELOPMENT USING LEAST- SQUARES WEIGHTED RESIDUAL METHODS	TA2-S6-001 - Aviraj Jadhav Title: A NOVEL TE10 TO TE30 MODE CONVENTER INCORPORATING STEP TRANSFORMER AS A MATCHING ELEMENT	TA3-S3-016 - Do Thi Bich Hue Title: REVEALING ELECTRON SPILL- OUT IN PLASMONIC NANOSTRUCTURES USING PARTICLE SIMULATION	TA4-S6-048 - E. Sander Lavine Title: CHARACTERIZATION OF THE IMPLODING PLASMA SHEATH IN TRIPLE NOZZLE GAS-PUFF Z- PINCHES AT 1 MA	TA5-S4-008 - Anish Raut Title: PLASMA ENHANCED OPTO- ELECTRONIC PROPERTIES OF FLUORINE DOPED TIN OXIDE (FTO) THIN FILMS	TA5-S5-047 - Aleksey Petrov Title: ACTION OF SUBNANOSECOND PULSED ELECTRIC FIELD ON HUMAN TUMOR CELLS	TA7-S4-042 - Roman Shapovalov Title: BLUE MILO AXIAL DIODE GAP OPTIMIZATION USING THE PULSED-POWER CIRCUIT CODE SCREAMER	TA8-S7-038 - Sahil Jain Title: COLD TEST ANALYSIS OF W- BAND PLANAR INTERACTION STRUCTURE DEVELOPED USING MICRO FABRICATION TECHNIQUES
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo	TA1-52-023 - Sergey Averkin Tritle: SIMULATION OF THE GROWTH OF CARBON NANOTUBES IN FLOWING PLASMAS USING PARTICLE-IN- CELL METHOD	TA2-S6-002 - Aviraj Jadhav Title: DESIGN AND SIMULATION OF A 3.7 GHZ HIGH POWER CW MAGNETRON	TA3-S3-017 - Stanislav Makarkin Title: STUDY THE SPENT ELECTRON BEAMS BASED LOW-VOLTAGE VIRCATOR	TA4-S7-006 - Joseph Vas Trite: TAILORING THE MAGNETIC PROPERTIES OF COFEZRTA USING HIGH ENERGY IONS IN A DENSE PLASMA FOCUS DEVICE	TA5-S4-015 - Ye Sun Title: RAPID PLASMA PREPARATION OF SUPERHYDROPHOBIC POLYESTER FABRICS FOR HIGHLY EFFICIENT OIL-WATER SEPARATION	TA5-S5-051 - Aleksandra Lavrikova Title: THE EFFECT OF TRANSIENT SPARK DISCHARGE ON BACTERIAL ACTIVITY OF S. AUREUS AND E. COLI		TAB-S8-001 - Kang Zhou Title:RIDGE WIDTH EFFECT ON COMB OPERATION IN TERAHERTZ QUANTUM CASCADE LASERS
1200 - 1200 Tokyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 0700 - 0900 Washington DC 0400 - 0600 San Diego (US)	TA1-S2-026 - Rinku Mishra Trite: CHARACTERISTIC STUDY OF A PLASMA ANTENNA USING PIC SIMULATION	TA2-56-003 - Sandeep Sainkar Title: PERFORMANCE EVALUATION OF A 3.7 GHZ, 1 KW CW SOLID STATE SOURCE FOR LHCD SYSTEM OF SST-1 TOKAMAK	TA3-S3-006 - Lim Zhen Jie Jeremy Title: PARTICLE-IN-CELL SIMULATION OF PLASMONS	TA4-S7-007 - Avinash Chaurasiya Title: EFFECT OF OXYGEN PLASMA ON MAGNETOELECTRIC PROPERTES OF NIE204/PVDF COMPOSITES	TA5-S4-017 - Jingjing Liu Title: EFFCT OF JET PLASMA ON THE SURFACE MODIFICATION OF COMPOSITE MATERIALS	TA5-S5-052 - Siril Raud Title: IMPACT OF AMBIENT GAS COMPOSITION OF ARGON PLASMA JET ON PAM COMPOSITION AND CANCER CELL VIABILITY*		TA8-S8-002 - Ziping Li Title: COMPACT TERAHERIZ MULTIHETERODYNE DUAL-COMB SPECTROSCOPY USING QUANTUM CASCADE LASERS
	TA1-S2-027 - Tugba Piskin TRIE: THE SIMPLIFIED APPROACHES TO NANOSECOND PULSED DISCHARGE MODELING WITH COMPARISONOF EXPERIMENTALAND NUMERICAL DATA	TA2-56-004 - Shrey Thakkar Title: DESIGN AND SIMULATION OF A NOVELTEM TO TEI1 MODE CONVERTER AT 3GHZ FOR HPM APPLICATIONS	TA3-S3-023 - Ranajoy Bhattacharya Title: EFFECTS OF HIGH TEMPERATURE BAKEOUT ON GATED SILLICON FIELD EMITTER ARRAYS	TA4-57-008 - Priya Sharma Title: INVESTIGATION OF HELIUM ION INDUCED DAMAGE IN NANO- W USING UNU/ICFT DENSE PLASMA FOCUS DEVICE	TA5-S4-031 - Luqman Akasyah Title: PLASMA-BASED SYNTHESIS OF TRITANTALUM PENTANITRIDE FOR VISIBLE-LIGHT DRIVEN PHOTOCATALITIC OVERALL WATER SPLITTING			TA8-S8-005 - Zhanglong Fu Title: TERAHERIZ IMAGING WITH A QUANTUM CASCADE LASER AND A PIXELLESS IMAGING CHIP
	TA1-S2-031 - TIANNING ZHANG Title: Design of Meta-Surface using Machine Learning	Title: IMPROVING THE VOLTAGE MODULATION DEPTH OF	TA1-S2-007 - John Luginsland Title: KUMOTOVICH, BOLTZMANN, AND VLASOV - WHAT ARE PIC CODES REALLY SOLVING?	TA4-57-011 - Seongmin Hong Title: EVALUATION OF ULTRA HIGH TEMPERATURE CERAMIC COATED CARBON FIBER REINFORCED COMPOSITES USING 0.4 MW CLASS ARC HEATER	TA5-S4-034 - Danhua Mei Title: PLASMA-ENABLED FAST LIQUEFACTION OF LIGNOCELLULOSIC BIOMASS: IMPACT OF BIOMASS FEEDSTOCKS		TA5-S4-028 - Thomas Maho Title: GERMINATION RATE AND VIGOR STUDIES OF BELL PEPPER SEEDS AFTER LOW-PRESSURE AIR MICROWAVE PLASMA TREATMENT	TA1-S1-034 - Sebastian Wilczek Title: FUNDAMENTALS OF ELECTRON DYNAMICS IN LOW PRESSURE CAPACITIVELEY COUPLED RADIO FREQUENCY DISCHARGES
	TA1-52-032 - Viktor Zheltukhin Title: SIMULATION OF LOW PRESSURE ICRF PLASMA FLOW IN NON-LOCAL APPROXIMATION	TA2-56-010 - Michael Perkins Title: SUCCESSFUL DEMONSTRATION OF A SHEET BEAM KLYSTRON AT S-BAND		TA4-57-013 - Mayank Mishra Title: STUDY OF SLOW FOCUS MODE OPERATION OF DENSE PLASMA FOCUS DEVICE FOR ION IMPLANTATION	TA5-S4-036 - Jiawei Li Title: RESEARCH OF THE EFFECT OF WIRES-MESH CORONA DISCHARGE ON FOG DISSIPATION	TA5-S4-038 - Jun Choi Title: IMPROVEMENT OF INDOOR AIR QUALITY BY SURFACE DBD	TA8-S7-012 - Duo Xu Title: THE SIMULATION AND DESIGN OF PILLBOX WINDOW AT TERAHERTZ WAVEBAND	TA5-S1-036 - Bruno Caillier Title: SPECTROSCOPIC DIAGNOSTIC OF A KR DIELECTRIC BARRIER DISCHARGE, COMPARISON AND INTERPRETATION OF CHEMICAL PROCESS

1200 - 1330 Tokyo Plen 0830 - 1000 Delhi 0500 - 0630 Tel Aviv 0300 - 0430 London SC: J 2200 - 2330 (-1) Washington DC Plen				Day 5 - 10 I	December 2020							
0830 – 1000 Delhi 0500 – 0630 Tel Aviv 0300 – 0430 London SC: 7 2200 – 2330 (-1) Washington DC Pler		Day 5 - 10 December 2020 SC: John Verboncoeur										
0300 – 0430 London SC: 7 2200 – 2330 (-1) Washington DC Plen	Plenary 7 - Rodney Mason - TA4-S5-016: COLLISIONLESS SHOCKS, IMPLICIT MOMENTS AND LASER FUSION IMPLOSIONS SC: Alla Safronova											
2200 – 2330 (-1) Washington DC Pler												
1900 – 2030 (-1) San Diego (US)	enary 8 - Deng Jianjun -	TA4-S6-012: RECENT PRO	GRESS OF PULSED-POWER	-DRIVEN HIGH ENERGY DE	ENSITY PHYSICS IN CHINA							
SC =	SC = Session Chair											
C	D5M1-TA1.5+TA1.1	D5M2-TA2.7	D5M3-TA2.6	D5M4-TA4.4	EL SESSIONS D5M5-TA5.4	D5M6-TA5.5	D5M7	D5M8-TA8.7				
	SC: Chengran Du 1-S5-014 - Yan Feng	SC: Yongdong LI TA2-S7-024 - Sudeep	SC: Lalit Kumar TA2-S6-007 - Travis Crawford	SC: Alla Safronova TA4-S4-004 - Jonathan Wurtele	SC: Allen Garner TA5-S4-063 - Jim Browning	SC: Masafumi Ito TA5-S5-010 - Michael Keidar		SC: Bo Zhang TA8-S7-035 - Jagadishwar Sirigiri				
Title:	e: INTERACTION OF DUST-ION	Bhattacharjee	NONLINEAR PERMEABILITY MEASUREMENTS OF SINGLE AND	(15min) CREATING AND CONTROLLING	COLD ATMOSPHERIC PRESSURE PLASMA ARRAY FOR BIOFILM	NEW UNDERSTANDING OF HOW COLD ATMOSPHERIC PLASMA		HIGH POWER TERAHERTZ SYSTEMS FOR CHARACTERIZING				
	vited Talk - 30 min)	DRIVEN BY SHEATH NONLINEARITY AND WAVE- PLASMA INTERACTION IN RESTRICTED GEOMETRY	DUAL INCLUSION COMPOSITES FOR NLTL SYSTEMS FROM 1-4GHZ (15min)	PLASMA-BASED OPTICAL ELEMENTS	INACTIVATION (Invited Talk - 30 min)	TREAT CANCER (Invited Talk - 30min)		BURNING PLASMAS (Invited Talk - 30 min)				
TA1-5	1-S5-010 - Michael Murillo	(Invited Talk - 30min) TA2-S7-023 - John Booske	TA2-S6-008 - Benedikt Esser	TA4-S4-006 - Chen ZHANG	TA5-S4-066 - Katsushi Suenaga	TA5-S5-038 - Milad Rasouli		TA8-S7-009 - Yubin Gong				
		Title: SIMULATION AND EXPERIMENTAL VERIFICATION OF	A HIGH POWER 2.85 GHZ GAN RF SOURCE FOR DIRECT DETECTION	(15min) DYNAMICALLY PRE-COMPRESSED	Title: IMPROVEMENT OF AGGREGATION INHIBITION OF	MECHANISMS OF SELECTIVE NON-THERMAL PLASMA EFFECTS		THz Radiation in Ion Focused Beam-Plasma System				
	vited Talk - 30 min)	MULTIPACTOR IN PARALLEL- PLATE MICROSTIPLINE STRUCTURE	OF MULTIPACTOR RESEARCH (15min)	HYDROCARBON STUDY ON SG-III PROTOTYPE LASERS	NANOPARTICLE DISPERSION BY NONTHERMAL PLASMA IRRADIATION (15min)	TOWARDS CANCER AND NORMAL CELLS (15min)		(Invited Talk - 30 min)				
	1-S5-009 - Lucas Stanek	(15min) TA2-S7-027 - Chuji Wang	TA2-S6-009 - Andrew Fairbanks	TA4-S4-007 - Chuansheng Yin	TA5-S4-067 - Hideaki Fukuoka	TA5-S5-039 - Ivana Sremacki		TA8-S7-001 - Hulbo Zhang				
POTE	PLICATIONS (15 min)	Title: CAVITY RINGDOWN MEASUREMENT OF OH(X) IN THE MICROWAVE PLASMA-ASSISTED IGNITION (15min)	TESTING NONLINEAR TRANSMISSION LINES MADE OF NOVEL COMPOSITES (15min)	(15min) STABILIZATION OF THE RAYLEIGH- TAYLOR INSTABILITY IN LASER- DRIVEN QUASI-ISENTROPIC COMPRESSION EXPERIMENTS	Title : OZONE GENERATION USING A TUBE-TO-CYLINDER ELECTRODE FOR NANOSECOND PULSE GENERATOR WITH RAPID RISE TIME (15min)	ANNULAR SHAPE RF JET IN CONTACT WITH AEROSOL: UV EMISSION CONTROL FOR SAFE BIOMEDICAL APPLICATION (15min)		THE GENERATION OF COHERENT AND TUNABLE TERAHERTZ RADIATION FROM PLASMA MODULATED ELECTRON BEAMS (15min)				
	1-S5-016 - Tahreem Yousaf	TA2-S7-031 - Yang Cao		TA4-S4-020 - Ryan Childers	TA5-S4-069 - Saniana Kerketta	(15min) TA5-S5-040 - Zhitong Chen		(15mm) TA8-S7-004 - Yang Liu				
1300 – 1500 Singapore/Beijing	e: ION IMPLANTATION STUDY TUNGSTEN ALLOYS AS	Title: WAKE EXCITATION IN A CYLINDRICAL WAVEGUIDE		(15min) EXPLORING THE FE/NI EMISSION	OZONE GENERATION EFFICIENCY USING NANOSECOND PULSED PLASMA	MICRONEEDLE PATCH-ASSISTED COMBINATION OF COLD		DEVELOPMENT OF PACKAGED G BAND POWER AMPLIFIER BASED				
	ASMA FACING COMPONENTS min)	DRIVEN BY A GIGAWATT SUB- NANOSECOND K-BAND MICROWAVE PULSE (15min)		LINE RATIO IN LABORATORY AND ASTROPHYSICAL PLASMAS	AT ABOVE ATM PRESSURES (15min)	ATMOSPHERIC PLASMA AND IMMUNE CHECKPOINT BLOCKADE (15min)		ON INP HEMT TECHNOLOGY UTILIZING NOVEL DE- EMBEDDING TECHNIQUES (15min)				
0000 – 0200 Washington DC	1-SS-017 - Paul Bellan	TA2-S7-032 - Taichi Sugai			TA5-S4-072 - Gaurav Nayak	TA5-S5-041 - Li Lin		TA8-S7-010 - Andrey Arzhanniko				
Title:	e: WHY INTERSTELLAR ICE	Title: ANALYSIS OF EXPERIMENTAL MULTIPACTOR			RAPID INACTIVATION OF VIRUS AEROSOLS BY DIELECTRIC BARRIER	MACHINE LEARNING CONTROLLED SELF-ADAPTIVE		GENERATION OF DIRECTED FLUX OF MEGAWATT THZ RADIATION				
ELON		OBSERVATION SIGNALS USING SPARK3D SOFTWARE (15min)			DISCHARGE IN AIR AT ATMOSPHERIC PRESSURE (15min)	PLASMA MEDICINE (15min)		AS RESULT OF STRONG REB- PLASMA INTERECTION IN PLASMA COLUMN				
								(15min)				
Title:	e: MOLECULAR DYNAMIC	TA2-S7-033 - Zachary Shaw Title: MULTIPACTOR			TA5-S4-074 - Teruaki Mori SUPPRESSION OF ARC TRANSITION IN	TA5-S5-043 - Meimei Lai IMPACT OF SUBSTRATES ON OH		TA8-S7-014 - Hong Eun Choi THE MEASUREMENT OF				
GLAN	ANCING-ANGLE SCATTERINGS	SUSCEPTIBILITY IN PLANAR MICROWAVE GEOMETRIES			NANOSECOND PULSED DISCHARGE BASED OZONIZER	PRODUCTIONS IN A NANOSECOND HELIUM PLASMA		PERMITTIVITY USING TE01 MOD IN A CYLINDRICAL WAVEGUIDE				
	THE FORMATION OF HIGH PECT RATIO FEATURES	(15min)			(15min)	JET IMPINGING ON WATER, SALINE OR PIG SKIN (15min)		BEYOND 300GHZ FREQUENCY BAND (15min)				
(10)		TA2-S7-035 - Xiaoli Qiu				TA5-S5-044 - Shahriar Mirpour		(25000)				
		Title: INVESTIGATIONS OF GEOMETRIC MODIFICATIONS				EFFECT OF COLD PLASMA ON DIABETIC FOOT ULCERS: A						
		AND STATIC MAGNETIC FIELDS ON MULTIPACTOR MITIGATION				RANDOMIZED CLINICAL TRIAL (15min)						
		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES										
		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES										
2000 – 2200 Singapore/Beijing		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES										
2100 – 2300 Tokyo 1730 – 1930 Delhi		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES				(15min)						
2100 – 2300 Tokyo		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES	Poster Sesstic	on - 5 (List of post	ers is after parallel se	(15min)						
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES	Poster Sesstic	on - 5 (List of post	ers is after parallel se	(15min)						
2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Tel Aviv 1200 – 1400 London 0700 – 0900 Washington DC		ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS	(15min) essions below)						
2100 - 2200 Tokyo 1730 - 1930 Delhi 1740 - 1600 Tel Aviv 1200 - 1400 London 0700 - 0900 Washington DC 0400 - 0600 San Diego (US)	DSN1-TA1.6 SC: Min Suk Cha	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES	Poster Sesstic		EL SESSIONS D5N5TA5.4 SC: Russell S. Brayfield	(15min) essions below) DSN6-TA5.5 SC: Chunqi Jiang	D5N7	D5N8-TA8.8 SC: Hua Li				
2100 - 2200 Tokyo 1730 - 1930 Delhi 1700 - 1600 Tel Aviv 1200 - 1400 Lendon 0700 - 0900 Washington DC 0400 - 0600 San Diego (US)	DSN1-TA1.6 SC: Min Suk Cha I-SG-012- Dae Hoon Lee PLICATORN OF PLANAM FOR	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS D5N5TA5.4 SC: Russell S. Brayfield TA554076 - Oxalpolo Boxemven PLASMA-ASSETD DEGRADATION OF	(15min) essions below) DSN6-TAS.5 SC: Chunqi Jiang TA5-35-045- Naman Bhatt DEVLOPIKA LOW-COST	D5N7	SC: Hua Li TA8-S8-006 - Tailchi Otsuji TERAHERTZ CURRENT-DRIVEN				
2100 - 2300 Tokyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 000 - 0600 San Diego (US) 400 - 0600 San Diego (US) 71-15 84 71-15 84 84 84 84 84 84 84 84 84 84 84 84 84	D5N1-TA1.6 SC: Min Suk Cha 55012 - De Hoon Lee	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSN5-TA5.4 SC: Russell S. Brayfield TA54076: Dakpolo Isoammen PJRMA-ASSITE DOGRADATION OF PERFLURGOSUTANE SULFONATE: THE INTLUENCE OF BULL VUQUID MASS	(15min) essions below) DSN6-TAS.5 SC: Chunqi Jiang TA-53-045- Naman Bhatt DEVLOPING LOW-COST DEPROGENATION PROCESS USING ATMOSPHENC PRESSURE	D5N7	SC: Hua Li TA8-S8-006 - Talichi Otsuji TERAHERTZ CURRENT-DRIVEN LASING AND AMPLIFICATION IN GRAPHENE-BASED VDW				
2100 - 2300 Tokyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 000 - 0600 San Diego (US) 400 - 0600 San Diego (US) 71-15 84 71-15 84 84 84 84 84 84 84 84 84 84 84 84 84	D5N1-TA1.6 SC: Min Suk Cha 156012 - Dae Hoon Lee PLICATION OF PLASMA FOR	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSN5TA5.4 SC: Russell S. Brayfield TA5.4-075 - Osabolo Isovamwen PJRAM-ASSISTE DOERADATION OF PERFLUROBUTIANE SULFONATE: THE ITMANSPORT ON PROCESS TEANSPORT ON PROCESS	(15min) essions below) <u>D5N6-TA5.5</u> <u>SC: Chungi Jiang</u> TA53-5045. Nama Bhatt DEVELOPING A LOW-COST DEPROGRANION PROCESS	D5N7	SC: Hua Li TA8-S8-006 - Taiichi Otsuji TERAHERTZ CURRENT-DRIVEN LASING AND AMPLIFICATION IN				
2100 - 2200 Tekyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 0700 - 0900 Washington DC 0400 - 0600 San Diego (US) TALS APPL REFN (brvts	DSN1-TA1.6 SC: Min Suk Cha I-SG-012- Dae Hoon Lee PULCATON OF PLANAF OR INIERY PROCESSES vited Taik - 30 min)	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSN5TA5.4 SC: Russell S. Brayfield TA5.4076 - Daskpolo Isovamwen PJRAMA ASSISTED GORADATION OF PERFLUROBUTIANE SULFONATE: THE ITMANSPORT ON PROCESS EFFECTIVENESS (L5min)	(15min) essions below) D5N6-TA5.5 SC: Chungi Jiang TA5-53-045- Nama Bhatt DEVLOPING A LOW-COST DEPROGENATION PROCESS USING ATMOSPHERIC PRESSURE PLASMAS (15min)	D5N7	SC: Hua Li TAA-38-006 - Taiichi Otsuji TERAHERTZ CURRENT-DRIVEN LASING AND AMPLIFICATION IN GRAPHENE-BASED VDW HETEROSTRUCTURES (Invited Taik - 30min)				
2100 - 2200 Tokyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 0700 - 0800 Vasinigato DC 0400 - 0600 San Diego (US) TA1-5 APPL REFIN (Invite 6A-5	DSN1-TA1.6 SC: Min Suk Cha 1:56:01:- Dae Hoon Lee PUCATON OF PLANAFOR INERY PROCESSES wited Taik - 30 min)	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSNSTAS.4 SC: Russell S. Brayfield TA544076 - Dashools lowammen PJRAMA-ASSISTE DOGRADATION OF PERFLURORGUTANE SULFONATE: THE INTLUENCE OF BUILD LUQUID MASS EFFECTIVENES (LSmin) TA54-079 - Yoan Bacqueyrisses McAdureements of PRESulte Wurds	(15min) essions below) DSN6-TAS.5 SC: Chungi Jiang TAS-53-045- Naman Bhatt DEVLOPING A LOW-COST DEPROGENATION PROCESS USING ATMOSPIERIC PRESSURE PLASMAS (15min) TAS-55-046- Jarodav Kristof PERMEABILITY OF EPIDERMAL	D5N7	SC: Hua Li TA9-S8-006 - Taichi Otsuji TERAHERTI CURRENT-BRIVEN LASING AND AMPLIFICATION IN GRAPHEN-BASED VDW HETEROSTRUCTURES (Invited Taik - 30min) TA8-S8-009 - Hua Li TERAHERTZ FREQUENCY COMBS				
2100 - 2200 Tekyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 Iondon 0700 - 0600 Vashington DC 0400 - 0600 San Diego (US) 7.0.3 7.0	DSN1-TA1.6 SC: Min Suk Cha 15:6012 - Dae Hoon Lee PL/LATION OF PLASMA FOR PL/LATION OF PLASMA FOR INTERY PROCESSI Vited Talk - 30 min)	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSN5-TA5.4 SC: Russell S. Brayfield TA54076: Oxabolic towarmeer PRIADROITANGE SUFONT: The INFLUENCE OF BULK LIQUID NASS THANSFORT ON PROCESS EFFECTIVENESS (JSmin) TA5.54-079 - Yoan Bacqueryfistes	(15min) essions below) Sessions below) DSN6-TAS.5 Sc: Chungi Jiang TAS-55-045 - Nama Bhatt DEVEOPING A LOW-COST DEPROGRATION PROCESS USING ATMOSPIERIC PRESSURE PLASMAS (15min) TAS-55-046 - Jaroslav Kristof	D5N7	SC: Hua Li TA8:\$8406 - Talichi Otsuij TERAHERIZ CURRENT-ORIVEN LASING AND AMPLIFCATION IN GRAPHENE-BASED VDW HETEROSTRUCTURES (Invited Talk - 30min) TA8:S8-009 - Hua Li				
2100 - 2200 Tokyo 1730 - 1330 Delhi 1400 - 1600 Tel Aviv 1200 - 1400 London 0700 - 0600 Vashington DC 0400 - 0600 San Diego (US) 713.5 713.5 714	DSN1-TA1.6 SC: Min Suk Cha 1:56:01:- Dae Hoon Lee PUCATON OF PLANAFOR INERY PROCESSS wited Taik - 30 min) 1:56:003 - Sivanandan Harilal SHASE MOLECULAR RMATTON IN ACTINIDE LASER- MATTON IN ACTINIDE LASER-	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSNS-TAS.4 SC: Russell S. Brayfield TX5-4-075 - Osabolo Isovamwen PJRAMA ASSISTE DOEGRADATION OF PERFLURADOS UTANE SULFONATE. THE INTLUNECO FOLUL AUGUID NASS EFFECTIVENES (LSmin) TAS-54-079 - Yoan Bacqueyrisses MACJUREMENTS OF PRESUNE WWATER	(15min) Esssions below) DSN6-TA5.5 SC: Chunqi Jiang, TA5-55-045 - Nama Bhatt DEVILOPING AUVC-OCTS USING ATMANTON-COTS USING ATMANTINA USING ATMANTINA	D5N7	SC: Hua Li TA8-S8:006 - Tailchi Otsuji TRANERTC JORRENT-BRIVEN LASING AND AMPLIFICATION IN GRAPHENE-BASED VOW HETEROSTRUCTURES (Invited Talk - 30min) TA8-S8-009 - Hua Li TRA-HERTZ FREQUENCY COMBS AND DUAL-COMB BASED ON QUANTUM CASCADE LASERS				
2100 - 2200 Tokyo 1730 - 1930 Delhi 1400 - 1500 Tel Aviv 1200 - 1400 London 0700 - 0800 Washington DC 0400 - 0600 San Diego (US) 741- 741- 741- 741- 741- 741- 741- 741-	DSN1-TA1.6 SC: Min Suk Cha 158-012 - Dae Hoon Lee PULCATION OF PLANA FOR INERT PROCESSES Heat Taik - 30 min) 156-003 - Sivanandan Hanfal SFMASE MOLECULAR RMATTON IN ACTINE LASER- DOUCED PLASMAS vited Taik - 30 min) 1-56-002 - Ahmad Hamdan	ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)		PARALL	EL SESSIONS DSN5-TA5.4 SC: Russell S. Brayfield 1054 4076: Osabob kowamow PUSAAASSISTE DEGRAADTON OF PERLUDGRUTARE SUIFONAT: The INFLUENCE OF RULK LIQUID MASS TAASSOPOT ON PAPOCES EFFECTIVENESS (LSmin) TA544079: Yoan Bacqueyritses MCAJURENNIS OF PRESSURE WWRES GORMATED BY PUSES LECTRIC DSCHARGES IN WATER (LSmin) TA54000 - Sagung Dewi Kencana ATMOSPHERIC PRESSURE PLASMA	(15min) Essions below) Essions below) DSN6-TA5.5 SC: Chunqi Jiang TA5-55-045 - Nama Bhatt DEVELOPING A LOW-COST DEPROGENATION PROCESS USING ATMOSPHERC PRESSURE PLASMAS (LSmin) TA5-55-046 - Janoslav Kistof PERMEAULTY OF EPICERMAL LUXER OF THE SUN FOR ADEINOSINE BY MICROPLASMA AND IONTOPHORESS (LSmin) TA5-55-049 - Miled Rasouli HYTA SA BIOGERADABLE	D5N7	SC: Hua Li 1748-58-7005 - Tasikhi Orbuly 1748-58-7005 - Tasikhi Orbuly 1748-58-7005 - Tasikhi Orbuly 1748-58-7005 - Tasikhi Orbuly 1748-58-7009 - Hua Li 1748-58-7009 - Li 1748-58-700 - Kazuer Fujita 1700-78-7000-KY TERAHERTZ				
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	TA1-S6-015 - THAI VAN-PHUOC AC GLOW DISCHARGE ON LIQUIDS: UNIQUE PROPERTIES AND ITS APPLICATION FOR METAL NANOPARTICLE SYNTHESIS (15 min)												
Time	Poster Session - 5 on Day 5												
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo 1730 – 1930 Delhi 1400 – 1600 Falvi 1200 – 1400 London 0700 – 0900 Washington DC 0400 – 0600 San Diego (US)	TA1-S2-033 - Geonwod Park Title: AN INVESTIGATION OF THE PLASMA CHARACTERISTICS AS ARGON/OXYGEN RATIO IN A CAPACITIVELY COUPLED PLASMA USING 2-DIMENSIONAL PARTICLE- IN-CELL SIMULATION PARALLELED GPU.	TA2-S7-001 - Derek Neben Title: A TEST SOURCE FOR THE PRODUCTION OF MILLIMETER- WAYE RF USING THE TWO- STREAM INSTABILITY	TA1-S4-011 - Viktor Zheltukhin Title: STUDYING OF THE INTERACTION BETWEEN LOW PRESSURE RF PLASMA AND ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE	TA4-S7-D15 - Rajdeep Singh Rawat Title: DENSE PLASMA FOCUS BASED NANOMATERIAL PROCESSING AND SYNTHESIS	TA5-S4-004 - Zhan Zhao Title: EFFECT OF CIRCUIT AND WIRE PARAMETERS ON MICROSECOND UNDERWATER ELECTIRCAL WIRE EXPLOSION WITH THE STORED ENERGY OF TENS OF KILO JOURLE	TA5-S4-077 - Kazuto Ishibashi Title: CHARACTERISTIC EVALUATION OF LAMINER ATMOSPHERIC PRESSURE PLASMA.JET WITH DOUBLE COMMAT. TUBE STRUCTURE BY DIRECTION OF APLIED ELECTRIC FIELD.							
	TA1-S2-037 - Prem Kiran Paturi Title: A ONE DIMENSIONAL NUMERICAL SIMULATION OF LASER PRODUCED AIR PLASMA INTERACTION WITH A METALLIC TARGET	TA2-57-005 - Xiaofang Zhu Title: A NOVEL BEAM-WAVE INTERACTION FEEDBACK CIRCUIT FOR THZ RADIATION SOURCE	TA1-S4-012 - Jung Yeol Lee Title: INDEPENDENT VARIABLES TO CONTROL A TIME-VARING ENERGY DISTRIBUTION OF CHARGED SPECIES IN A CAPACITIVELY COUPLED PLASMA	TA4-57-019 - Qiaqiue Liu Title: STUDY ON AN/AP/AL MIXTURE POWDERS IGNITED BY MICROSECOND EXPLODING TUNGSTEN WIRE	TAS-S4-039 - Min-Gyu Chol Title: EFFECT OF PLASMA INPUT POWER AND FEEDING SPEED ON THE SURFACE TEMPERATURES OF STAINLESS STEEL 316L DURING PLASMA ASSISTED MILLING	TA5-S4-083 - Mostafa Elsayed Hassan Title: INVESTIGATION OF OZONE AND HYDROGEN PEROXIDE TRANSPORT INTO WATER AEROSOLS AND BULK LIQUID							
	TA1-52-042 - Zakari Eckert Title: BENCHMARK VERIFICATION OF THE ALEPH PIC-DSMC PROGRAM	TA2-57-010 - LI WU TINE: EXPERIMENTAL INVESTIGATION OF MICROWAVE FREQUENCY EFFECTS ON THE DISCHARGE PROPERTIES IN AN ATMOSPHERIC-PRESSURE COAXIAL PLASMA JET	TA1-54-015 - Askar Davletov Title: IONIZATION POTENTIAL DEPRESSION IN PARTIALLY IONIZED HYDROGEN	TA1-S6-004 - Hyun Gyu Lee Title: COMPUTATIONAL MODELLING OF RONS GENERATION AND ITS ENHANCEMENT BY UV PHOTOLYSIS IN PLASMA-LIQUID SYSTEM	TA5-54-049 - Noriyuki Sakudo Title: FLOATING REACTOR TO STABILIZE ION ENERGIES IN PLASMA DOPING	TA1-S5-004 - Lucas Stanek Title: HVBRID QUANTUM- HVDRODYNAMICS/MOLECULAR DYNAMICS FOR ULTRACOLD NEUTRAL PLASMAS							
	TA1-S2-047 - Peter Stoltz Title: A NEW ALGORITHM FOR SPACE CHARGE LIMITED FLOW	TA2-S7-D18 - Shen Shou Max Chung Time: SIMULATION STUDY ON REDUCING AIRCRAFT ENGINE FRONT RADAR CROSS SECTION WITH ATMOSPHERIC PRESSURE PLASMA GENERATED BY DIELECTRIC BARRIER DISCHARGE	TA1-S4-017 - Jia Han Title: THREE-DIMENSIONAL MEASUREMENTS OF FUNDAMENTAL PLASMA PARAMETERS IN PULSED ICP OPERATION	TAI-S6-005 - Jinhong Kim Title: MICROPLASMA-DRIVEN ATOMIC LAYER DEPOSITION OF ALUMINUM OXIDE ETCH-FREE PATTERNING, AND GALLUM OXIDE-BASED FLURIBLE DUV PHOTODETECTOR	TA5-S4-050 - Amoon Fruchtman Title: MAS SEPARATION BY OSCILLATING ELECTROMAGNETIC FIELDS	TAI-SS-008 - SUNIDHI SINGLA Title: INTERACTION OF DUST-ON ACOUSTIC: SHOCKS IN QUANTUM DUSTY PLASMA							
	TA1-S2-049 - Dharitree Dutta Title: PARTICLE-IN-CELL SIMULATION OF A CURRENT FREE DOUBLE LAYER	TA2-57-019 - Patrick Wong Title: MULTIPACTOR EFFECTS ON SIGNAL QUALITY IN TRANSMISSION LINES IVEN BY DIGITALLY MODULATED SIGNALS	TA1-S4-010 - Yaoting Wang Title: COMPARISON AND ANALYSIS OF FUID METHOD AND PIC METHOD FOR THE CHARGED PARTICLE TRANSPORT PROCESSES UNDER AN EXTERNALLY APPLIED ELECTROSTATIC FIELD	TA1-S6-006 - Seunghwan Bang Title: GLYCEROL REFORMING IN AN AQUEOUS DISCHARGE REFORMER	TAS-S4-062 - Min Hwan Kim Title: DEVELOPMENT OF MICRO DISCHARGE PLASMA STERILIZING WATER AND STORAGE EQUIPMENT FOR AGRICULTURAL INDUSTRY	TA1-SS-015 - Askar Davletov Title: LOW FREQUENCY WAVES IN STROMGLY COUPLED DUSTY PLASMAS: QUASI-LOCALIZED CHARGE APPROXIMATION VERSUS SELF-CONSISTENT METHOD OF MOMENTS							
	TA1-52-054 - David Rose Title: NEW ALGORITHM DEVELOPMENTS AND ADVANCED APPLICATIONS OF THE CHICAGO HYBRID PARTICLE-IN-CELL CODE	TA2-57-021 - Nikita Gurjar Title: ANALYSIS OF PLASMA ASSISTED W-BAND INTERACTION STRUCTURE			TA5-S4-065 - Jun Choi Title: DECOMPOSITION OF THE BIS[2- HVDROXYETHVJ. TEREPHTHALATE (BHET) BY ATMOSPHERIC NONTHERMAL PLASMA	TA1-S6-004 - Hyun Gyu Lee Title: COMPUTATIONAL MODELLING OF RONS GENERATION AND ITS ENHANCEMENT BY UV PHOTOLYSIS IN PLASMA-LIQUID SYSTEM							
	TA1-52-003 - Suresh Basnet Title: EFFECT OF PRESHEATH ELECTRON TEMPERATURE ON MAGNETIZED PLASMA-WALL TRANSITION AND WALL SPUTTERING BY PLASMA HAVING TWO SPECIES OF POSITIVE IONS	TA2:57-034 - Kieran Wilson Title: DEVELOPMENT OF A PLASMA EXPERIMENT AND MICROWAVE SOURCES FOR FOR WAVE-PLASMA INTERACTION EXPERIMENTS			TA5-54-071 - Wen Llu Title: DEVELOPMENT OF A NEW LIGHTNING PROTECTION DEVICE WITH A PSEUDOSPARK SWITCH AND SERIES ZINC OXIDE VARISTOR	TA1-56-005 - Jinhong Kim Title: MICROPLASMA-DRIVEN ATOMIC LAYER DEPOSITION OF ALUMINUM OXIDE ETCH-FREE PATTERNING, AND GALLIUM OXIDE-BASED FLEXIBLE DUV PHOTODETECTOR							
	TA1-S3-016 - Rupinder Kaur Title: PROPAGATION OF ION- ACOUSTIC SHOCK WAVES IN MAGNETIZED DENSE QUANTUM PLASMAS	TA2-57-036 - Pratik Ghosh Title: MODELLING AND SIMULATION OF GAS HEATING MECHANISM DURING HIGH POWER MILLIMETER WAVE BREAKDOWN IN AIR			TA5-S4-075 - Rikuo Iwasaki Title: NITRIC OXIDE REMOVAL USING NANOSECOND PULSED POWER GENERATOR EMPLOYING A PEAKING GAP SWITCH	TA1-S6-006 - Seunghwan Bang Title: GLYCEROL REFORMING IN AN AQUEOUS DISCHARGE REFORMER							
	TA1-S3-022 - Ling-Hsiao Lyu Title: GENERATION AND EXPANSION OF WHISTLER- CHORUS WAVES IN THE EARTH'S MAGNETOSPHERE	TA2-S7-037 - Bengt Eliasson Title: ELECTRON CYCLOTRON EMISSIONS ROM MIRROR TRAPPED PLASMA: OBSERVATIONS AND MODELLING RESULTS			TA5-S4-048 - Lufti Oksuz Title: PLASMA DISCHARGE IN WASTEWATER	TA1-56-008 - Bahram Mahdavipour Title: PLASMA CHEMISTRY SIMULATION OF A PLANAR DIELECTRIC BARRIER DISHCARGE IN AIR							