

Registered participants are requested to please check the schedule of their Talk/Poster.
Please do contact us if you cannot find your Talk/Poster in the Schedule.

Time	Day 1 - 6 December 2020
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 Plenary 1 - Monica Blank - TA2-S2-005: HIGH-POWER AND HIGH-FREQUENCY GYROTRONS: DEVELOPMENT AND APPLICATIONS Plenary 2 - Y Y Lau - TA3-S1-063: THE CHILD-LANGMUIR LAW AND THE PHYSICS OF DIODES

Time	PARALLEL SESSIONS							
	D1M1-TA1.1	D1M2-TA2.1	D1M3-TA3.1	D1M4-TA4.1	D1M5-TA5.1	D1M6-TA6.1	D1M7-TA7.1 + TA7.2	D1M8-TA8.1
1300 – 1500 Singapore/Beijing 1400 – 1600 Tokyo 1030 – 1230 Delhi 0700 – 0900 Tel Aviv 0500 – 0700 London 0000 – 0200 Washington DC 2100 – 2300 (-1) San Diego (US)	<p>TA1-S1-019 - A Smolyakov Title: INSTABILITIES, STRUCTURES AND TRANSPORT IN PARTIALLY MAGNETIZED EXB PLASMAS (Invited Talk - 30 min)</p> <p>TA1-S1-008 - Yong Xin Liu Title: BREAKDOWN PROCESS OF A CAPACITIVELY COUPLED RF DISCHARGE IN ARGON (15 min)</p> <p>TA1-S1-018 - Xiaolin Ma Title: SURFACE-DEPENDENT DISCHARGE CHARACTERISTICS OF MICROPLASMA CONFINED IN HYBRID CAVITY-TRENCH STRUCTURE (15 min)</p> <p>TA1-S1-040 - Sayan Biswas Title: PARAMETRIC INVESTIGATION OF NANO-SECOND PULSED DISCHARGE AND BREAKDOWN BEHAVIOR AT HIGH-PRESSURE FOR PIN-TO-PIN CONFIGURATION (15 min)</p> <p>TA1-S1-061 - RIDIP SARMA Title: NSTABILITY INDUCED MODULATION OF SOLITONS IN A LINEAR AND NONLINEAR REGIME OF STRONGLY DISPERSIVE POSTFORM BEAM DRIVEN PLASMA (15 min)</p> <p>TA1-S1-065 - ANIS S BAKRI Title: CHARACTERIZATION OF GAN/ALN ON SI USING CONVENTIONAL RF MAGNETRON SPUTTERING (15 min)</p> <p>TA1-S1-067 - Shawn W Tang Title: SPIKY ELECTRIC POTENTIAL STRUCTURES IN FLUX ROPE EXPERIMENTS (15 min)</p>	<p>TA2-S1-002 Zhaoyun Duan Title: RECENT ADVANCES IN INTENSE MICROWAVE GENERATION USING METAMATERIALS (Invited Talk - 30min)</p> <p>TA2-S1-016 - Dian Zhang Title: PROGRESS IN HIGH POWER MILLIMETER WAVE SOURCES (Invited Talk - 30min)</p> <p>TA2-S1-017 - Edi Schamiloğlu Title: RECENT ADVANCES ON THE MAGNETRON WITH DIFFRACTION OUTPUT (15 Min)</p> <p>TA2-S1-007 - Alena Rostunova Title: FORMATION OF MICROWAVE SOLUTIONS TRAINS DUE TO MODULATION INSTABILITY UNDER CYCLOTRON RESONANCE INTERACTION OF INITIALLY RECTILINEAR ELECTRON BEAM WITH BACKWARD ELECTROMAGNETIC WAVE (15 min)</p> <p>TA2-S1-010 - Patrick Forbes Title: EXPERIMENTAL STUDIES OF A METAMATERIAL-ENHANCED RESISTIVE WALL AMPLIFIER* (15 min)</p> <p>TA2-S1-005 - Arti Hadap Title: SHEET BEAM DRIVEN METAMATERIAL BACKWARD WAVE OSCILLATOR (15 min)</p> <p>TA2-S1-023 - Kazuki Nagao Title: MEASUREMENT AND BEHAVIOR ANALYSIS OF MODULATED BEAM CURRENT IN A VIRTUAL CATHODE OSCILLATOR (15 min)</p>	<p>TA3-S1-023 - Juncong She Title: TIPS-BASED INTEGRATED FIELD ELECTRON EMISSION SOURCES AND THE POTENTIAL APPLICATIONS (Invited Talk - 30min)</p> <p>TA3-S1-008 - wei yang Title: SILICON OXIDE BASED ON-CHIP ELECTRON SOURCES (15min)</p> <p>TA3-S1-018 - Meytal Siman-Tov Title: GENERATION OF SPACE CHARGE SELF-OSCILLATIONS IN A VACUUM DIODE (15min)</p> <p>TA3-S1-037 - Thuc Bui Title: RECENT ADVANCES IN BEAM OPTICS ANALYZER (15min)</p> <p>TA3-S1-048 - Kristinn Torfason Title: EFFECTS OF SURFACE INHOMOGENEITIES IN FIELD AND THERMAL-FIELD EMISSION (15min)</p> <p>TA3-S1-050 - Palak Jain Title: ESTIMATION OF PLASMA ELECTRON DENSITY INSIDE THE RADIO-FREQUENCY INDUCTIVELY COUPLED DRIVER OF SPIDER (15min)</p> <p>TA3-S1-054 - Abhijit Jassem Title: A 2-1/2 DIMENSIONAL MODEL OF MIRAM CURVES (15min)</p> <p>TA3-S1-038 - Bharat Singh Rawat Title: CHARACTERISTIC PERFORMANCE OF A MULTI-APERTURE ION SOURCE FOR APPLICATION IN ION THRUSTER AND MATERIAL PROCESSING (15min)</p>	<p>TA4-S1-013 - Adam Harvey-Thompson Title: IMPROVED PERFORMANCE OF MAGNETIZED LINER INERTIAL FUSION EXPERIMENTS WITH HIGH-ENERGY, LOW-MIX LASER PREHEAT CONFIGURATIONS (Invited Talk - 30min)</p> <p>TA4-S1-014 - Ji Yan Title: THE INFLUENCE OF DRIVEN ASYMMETRY ON YIELD DEGRADATION IN TRIPLE-SHAPE INDIRECT DRIVE IMPLISSION ON THE 100K LASER FACILITY (Invited Talk - 30min)</p> <p>TA4-S1-011 - Matteo Barbarino Title: IAEA'S FUSION RESEARCH ACTIVITIES (15min)</p> <p>TA4-S1-016 - Zhongjing Chen Title: MEASUREMENT OF THE HOT-SPOT SELF-EMISSION IMAGES AND ASYMMETRY TUNING BY VARYING BEAM CONE FRACTION (15min)</p> <p>TA4-S1-019 - Uri Shumlak Title: SHEAR-FLOW-STABILIZED Z PINCH AS A COMPACT FUSION DEVICE (15min)</p> <p>TA4-S1-020 - Jeremy Chittenden Title: MAGNETISATION EFFECTS IN INDIRECT DRIVE INERTIAL CONFINEMENT FUSION (15min)</p>	<p>TA5-S1-045 - Deanna Lacoste Title: PLASMA-ASSISTED COMBUSTION ABOVE ATMOSPHERIC PRESSURE: CHALLENGES AND OPPORTUNITIES (Invited Talk - 30min)</p> <p>TA5-S1-047 - Gregor Primc Title: ADVANCED TECHNOLOGIES FOR INDUSTRY 4.0: A CHALLENGE FOR PLASMA SCIENTISTS (Invited Talk - 30min)</p> <p>TA5-S1-002 - Yang Lv Title: A PLASMA JET ARRAY DEVICE FOR TRANSFERMAL DRUG DELIVERY (15min)</p> <p>TA5-S1-003 - Miran Mozetic Title: SO2 PLASMA AS AN EXTENSIVE SOURCE OF UV RADIATION (15min)</p> <p>TA5-S1-016 - Shuqun Wu Title: HIGH-ELECTRON-DENSITY MICROPLASMA AND ITS POTENTIAL APPLICATION IN TERAHERTZ FILTER (15min)</p>	<p>TA6-S1-028 - Chunlei Feng Title: LASER SPECTROSCOPIC MEMORY EFFECTS ON THE DIAGNOSIS OF ACTIVE SPECIES IN ATMOSPHERIC DISCHARGE PLASMA (Invited Talk - 30min)</p> <p>TA6-S1-006 - Shivanandan Harilal Title: LASER-INDUCED FLUORESCENCE SPECTROSCOPIC ANALYSIS OF U AND PU PLASMAS (15min)</p> <p>TA6-S1-010 - wanlian li Title: WATER EVAPORATION IN PLASMA-LIQUID INTERACTION AND ITS EFFECTS ON AQUEOUS SPECIES PRODUCTION (15min)</p> <p>TA6-S1-013 - XING ZHANG Title: THE ADVANCED X-RAY IMAGING TECHNIQUES WITH A HIGH SPATIAL RESOLUTION FOR THE ICF IMPLISSION DIAGNOSTICS ON THE 100KJ LASER FACILITY (15min)</p> <p>TA6-S1-016 - hongbin ding Title: LASER SPECTROSCOPIC DIAGNOSIS (15min)</p> <p>TA6-S1-022 - Ziyao Jie Title: TEMPERATURE DISTRIBUTION AND MEASUREMENT OF ATMOSPHERIC AIR MICROWAVE PLASMA (15min)</p> <p>TA6-S1-023 - Shiyang Huang Title: GAS TEMPERATURE MEASUREMENTS AND IMAGING ANALYSIS IN ATMOSPHERIC PRESSURE MICROWAVE AIR INDUCED PLASMA TORCH (15min)</p>	<p>TA7-S1-002 - Zheng Zhao Title: VOLUME AND SURFACE MEMORY EFFECTS ON THE REPEATIVELY PULSED SURFACE STREAMER DISCHARGE IN HIGH PRESSURE NITROGEN (15min)</p> <p>TA7-S1-015 - Michal LaPointe Title: ELECTRICAL BREAKDOWN THRESHOLD OF INSULATED AND BARE COPPER CONDUCTORS UNDER LIGHTNING EXCITATION (15min)</p> <p>TA7-S1-016 - Ivan Aponte Title: A STUDY ON THE CONTRIBUTING FACTORS OF RF BREAKDOWN IN ATMOSPHERIC AIR* (15min)</p> <p>TA7-S1-020 - Chris Williamson Title: BREAKDOWN OF COMPOSITE ESTER-POLYMER INSULATION UNDER LIGHTNING IMPULSE STRESS (15min)</p> <p>TA7-S1-021 - David Siradjuddin Title: POWER FLOW SIMULATIONS OF THE Z ACCELERATOR USING EMPIRE (15min)</p> <p>TA7-S2-010 - Hongyu Dai Title: RESEARCH ON THE ABLATION OF MULTIPLE ALLOY ELECTRODES UNDER THE EFFECT HUNDREDS KA PULSED ARC (15min)</p> <p>TA7-S2-014 - Jiaqi Yan Title: EXPERIMENTAL STUDY ON SEALED-OFF DOUBLE-GAP PSEUDOSPARK SWITCHES (15min)</p>	<p>TA8-S1-003 - MAKOTO NAKAJIMA Title: ULTRAFAST SPIN SPECTROSCOPY AND CONTROL IN THE MAGNETIC MATERIALS BY TERAHERTZ PULSES (Invited Talk - 30min)</p> <p>TA8-S1-007 - Yasuhiro Fukuma Title: SPIN TO CHARGE CONVERSION FOR TERHERTZ SPINTRONICS (Invited Talk - 30min)</p> <p>TA8-S1-008 - Masahiko Tani Title: TERAHERTZ EMISSION PROPERTIES FROM FE/PT METALLIC SPINTRONIC HETERO-STRUCTURES (Invited Talk - 30min)</p> <p>TA8-S1-001 - Zhiyu Tan Title: THE NONRECIPROCAL MANIPULATION OF TERAHERTZ WAVE BASED ON MAGNETO-OPTIC METASURFACE (15min)</p> <p>TA8-S1-004 - Piyush Agarwal Title: OPTICAL HEATING MEDIATED RECONFIGURABLE TERAHERTZ SPINTRONIC EMITTERS (15min)</p>
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)	Poster Session - 1 (List of posters is after parallel sessions below)							

Time	PARALLEL SESSIONS							
	D1N1-TA1.1	D1N2-TA2.2 + TA2.1	D1N3-TA3.1	D1N4-TA4.1	D1N5-TA5.1	D1N6-TA6.1	D1N7-TA7.2	D1N8-TA8.2 + TA8.7
2200 – 2400 Singapore/Beijing 2300 – 0100 (+1) Tokyo 1930 – 2130 Delhi 1600 – 1800 Tel Aviv 1400 – 1600 London 0900 – 1100 Washington DC 0600 – 0800 San Diego (US)	<p>TA1-S1-049 - Richard Sydnor Title: DRIFT-ALIVEN FLUCTUATIONS AND TRANSPORT IN MULTIPLE INTERACTING MAGNETIZED ELECTRON TEMPERATURE FILAMENTS (Invited Talk - 30 min)</p> <p>TA1-S1-022 - Denis Eremin Title: NUMERICAL MODELING OF RF MAGNETRON DISCHARGES (15 min)</p> <p>TA1-S1-031 - Genia Vogman Title: INVESTIGATING TRANSPORT PROPERTIES OF LOW-BETA EXB PLASMAS USING HIGH-ORDER CONTINUUM KINETIC SIMULATIONS (15 min)</p> <p>TA1-S1-060 - Sarah Lang Title: THEORETICAL EXAMINATION OF ELECTRON EMISSION FROM LIQUIDS TO GASES (15 min)</p>	<p>TA2-S2-018 - Chao-Hai Du Title: STUDY OF BROADBAND-FREQUENCY-TUNING THZ GYROTRONS (Invited Talk - 30 min)</p> <p>TA2-S2-020 - Tsun Hsu Chang Title: BROADBAND, TERAHERTZ, REFLECTIVE GYROTRON (Invited Talk - 30)</p> <p>TA2-S2-006 - Hsin Yu Yao Title: START-OSCILLATION BEHAVIORS OF THE TM-0MODE GYROTRON (15 min)</p> <p>TA2-S2-008 - Naum Ginzburg Title: PROJECT OF POWERFUL LONG-PULSE BRAGG FEL OF SUB-THZ TO THZ-BAND: DESIGN AND SIMULATIONS (15 min)</p>	<p>TA3-S1-055 - Yes Sin Ang Title: PHYSICS OF ELECTRON EMISSION FROM TWO-DIMENSIONAL NANOMATERIALS (Invited Talk - 30min)</p> <p>TA3-S1-064 - John Leopold Title: SQUEEZING A MAGNETIZED RELATIVISTIC ELECTRON BEAM USING A SPLIT CATHODE (15min)</p> <p>TA3-S1-066 - Adam Darr Title: NEXUS THEORY: ELECTRON EMISSION REGIME TRANSITIONS ACROSS LENGTH, PRESSURE, AND TEMPERATURE SCALES (15min)</p> <p>TA3-S1-069 - Vishant Dwivedi Title: EXPERIMENTAL ANALYSIS OF PLASMA BASED MINIATURIZED SHEET ELECTRON BEAM SOURCE (15min)</p>	<p>TA4-S1-018 - Joseph Ralph Title: PROGRESS IN THE INERTIAL CONFINEMENT FUSION EXPERIMENTAL CAMPAIGN ON THE NATIONAL IGNITION FACILITY (Invited Talk - 30min)</p> <p>TA4-S1-021 - Stephanie Miller Title: LASER GATE EXPERIMENT FOR INCREASING PREHEAT ENERGY COUPLING EFFICIENCY IN MAGNETIZED LINER INERTIAL FUSION (MAGLIF) (15min)</p> <p>TA4-S1-023 - Alexander Veklovich Title: RAYLEIGH-TAYLOR GROWTH OF ISOLATED BUBBLES AND SPIKES IN LASER-DRIVEN FOILS (15min)</p> <p>TA4-S1-025 - Stuart Springham Title: PLASMA FOCUS NEUTRON ENERGY MEASUREMENTS USING ZINCUM AND BERYLLIUM ACTIVATION DETECTORS (15min)</p>	<p>TA5-S1-049 - Mohamed Chaker Title: PROGRESS IN THE INERTIAL PULSED LASER DEPOSITION: A FLEXIBLE TOOL FOR THE SYNTHESIS OF ADVANCED FUNCTIONAL MATERIALS (Invited Talk - 30 min)</p> <p>TA5-S1-027 - Danhua Mei Title: EFFICIENT CONVERSION OF CO2 AND CH4 INTO VALUE ADDED COMPOUNDS THROUGH PLASMA CATALYSIS PROCESS IN A DIELECTRIC BARRIER DISCHARGE REACTOR (15min)</p> <p>TA5-S1-033 - Mehrnough Namriva Title: ATMOSPHERIC PRESSURE MICROWAVE PLASMA JET FOR ORGANIC THIN FILM DEPOSITION (15min)</p> <p>TA5-S1-039 - Florian Krueger Title: ICP VS CCP IN HIGH ASPECT RATIO ETCHING OF SiO2 USING AR/CF4/O2 GAS MIXTURES (15min)</p>	<p>TA6-S1-036 - Jean-Pierre H. van Holden Title: COMPREHENSIVE QUANTITATIVE PLASMA DIAGNOSTIC USING A MID-INFRARED FREQUENCY COMB TO ANALYSE INDUSTRIAL PLASMA PROCESSES (Invited Talk - 30min)</p> <p>TA6-S1-025 - Keelon Kang Title: EXPERIMENTAL DEMONSTRATION OF PLASMA ELECTRON DENSITY DIAGNOSIS USING THZ SPECTRAL ENCODING METHOD (15min)</p> <p>TA6-S1-026 - Akash Taral Title: ESTIMATION OF RADIATION DECAY CONSTANT OF LASER PRODUCED BRASS PLASMA FROM ITS EMISSION INTENSITIES (15min)</p> <p>TA6-S1-032 - Claudia Verheyen Title: DES OF A CO2-AR MICROWAVE DISCHARGE TO SUPPORT MODELLING (15min)</p>	<p>TA7-S2-019 - Xiaoning Zhang Title: THE KEY TECHNIQUES OF PULSE POWER SUPPLY AND ITS APPLICATIONS IN DISCHARGE PLASMA (Invited Talk - 30min)</p> <p>TA7-S2-013 - Hongyu Dai Title: TEMPERATURE DISTRIBUTION ON THE ANODE OF GRAPHITE ELECTRODES IN HIGH-CURRENT PULSED ARC WITH DIFFERENT ATMOSPHERE (15min)</p> <p>TA7-S2-018 - Victor Bochkov Title: DEVELOPMENT OF HIGH-POWER AND ELECTRONIC VACUUM DEVICES FOR PULSED ELECTROPHYSIC CURRENT STATUS AND PROSPECTS II (15min)</p> <p>TA7-S2-024 - vinod kumar Gandhi Title: STUDY OF ELECTRODE PROFILE EFFECTS IN PRESSURIZED SPARKGAP SWITCHES (15min)</p>	<p>TA8-S2-001 - CHAO CHANG Title: SIGNAL PROPAGATION IN MYELIN SHEATH AS DIELECTRIC WAVEGUIDE IN THE MID-INFRARED TO TERAHERTZ SPECTRAL RANGE (Invited Talk - 30min)</p> <p>TA8-S2-009 - Kazunori Serita Title: EXTREMELY SENSITIVE BIO-SENSING USING TERAHERTZ MICROFLUIDIC CHIPS (Invited Talk - 30min)</p> <p>TA8-S7-015 - Dong Yazhou Title: HIGH-POWER TERAHERTZ MULTIPLIER BASED ON META STRUCTURE (15min)</p> <p>TA8-S7-025 - Diwei Liu Title: High-power terahertz gyrotron and its application in DNP-NMR system (15min)</p>

TA1-51-064 - J Malayter Title: CALCULATIONS OF WORK FUNCTION AS A FUNCTION OF SURFACE ROUGHNESS PERIOD AND SHAPE (15 min)	TA2-52-010 - Xiaotong Guan Title: STUDY ON A 0.22-THZ GYROTRON TRAVELING WAVE AMPLIFIER BASED ON CONFOCAL WAVEGUIDE (15 min)	TA3-51-070 - Andrew Sandeman Title: PLASMA CATHODE ELECTRON BEAM FOR HIGH-INTENSITY MATERIALS PROCESSING (15min)	TA4-51-033 - Shigeo KAWATA Title: PHASE-CONTROLLED NON-UNIFORMITY MITIGATION OF FUEL TARGET IMPLISSION IN HEAVY ION INERTIAL FUSION (15min)	TA5-51-040 - Mackenzie Meyer Title: INTERACTIONS BETWEEN ATMOSPHERIC PRESSURE HUMID HELIUM PLASMAS AND LIQUID WATER DROPLETS (15min)	TA6-51-046 - Jaemin Song Title: INFLUENCE OF WALL CONDITIONING STATE ON AR PLASMA EMISSION IN A PROCESSING CHAMBER (15min)	TA7-52-025 - Raymond Allen Title: PFL OUTPUT SWITCH OPTIONS FOR GAMBLE III (15min)	TA8-52-026 - Mohammad Samizadeh Nikoo Title: NANOPLASMA-ENABLED PICOSECOND SWITCHES FOR ULTRA-FAST ELECTRONICS AND HIGH-POWER THz SOURCES (15min)
TA1-51-068 - Shahrar Mirpour Title: THE ROLE OF HYDROMETEORS IN LIGHTNING INCEPTION: AN EXPERIMENTAL EVALUATION (15 min)	TA2-51-022 - Mae Almansoori Title: COMBINING EXTREME VALUES THEORY AND SURROGATE MODELLING FOR THE STUDY OF A VIBRATOR (15mins)	TA3-51-071 - Yingbin Zhu Title: SPACE CHARGE LIMITED CURRENT FOR HOT ELECTRON (15min)	TA4-51-034 - Mohamed Kandil Title: NUMERICAL EXPERIMENT ON DUAL-STAGE PLASMA FOCUS (15min)	TA5-51-041 - Jordyn Polito Title: MODELING OF NANOPARTICLE GROWTH AND CHARGING IN FLOWING PLASMAS (15min)	TA6-51-048 - Salvador Portillo Title: SPECTROSCOPIC INVESTIGATION OF PLASMAS PRODUCED BY HELIUM CATHODES (15min)	TA7-52-030 - Anton Gusev Title: A NEW APPROACH FOR TRIGGERING THYRISTORS IN IMPACT IONIZATION WAVE MODE USING AN AVALANCHE 5-DIODE (15min)	TA8-52-002 - yongshan liu Title: LABEL-FREE BIOSENSING BASED ON INTEGRATION OF SPINTRONIC TERAHERTZ EMITTER AND EIT ANALOG METAMATERIAL (15min)
TA1-51-057 - Sandeep Kumar Title: SELF ACTION EFFECTS OF MULTI GAUSSIAN LASER BEAMS IN THERMAL QUANTUM PLASMA (15 min)		TA3-51-072 - Ioannis Filitsis Title: DOUBLE PLASMA SHOCK AFTER PINCHING IN TABLE-TOP PLASMA FOCUS DEVICE (15min)	TA4-51-037 - Gabriel Shipley Title: EXPLORING MAGNETO-RAYLEIGH-TAYLOR INSTABILITY DEVELOPMENT IN SOLID LINER DYNAMIC SCREW PINCHES USING THREE-DIMENSIONAL MAGNETOHYDRODYNAMIC MODELING (15min)		TA6-51-052 - Mikhail Gromov Title: INVESTIGATION OF NO RADICALS AND O ATOMS KINETICS IN PIN-LIQUID NANOSECOND PULSED DISCHARGE BY ACTIVE LASER DIAGNOSTICS (15min)		
2hrs	2hrs	2hrs	2hrs	1 hr 45 min	2hrs	1.5hrs	1.5hrs

Time	Poster Session - 1							
	TA1-51-009 - SAMIRAN DAS Title: DUST-ION ACOUSTIC SOLITARY WAVES IN DUSTY PLASMA WITH CARV'S DISTRIBUTED ELECTRONS	TA2-51-003 - Huida Wang Title: EXPERIMENTAL INVESTIGATION OF DENSITY BUNCHING AND ITS POWER INFLUENCE IN A RELATIVISTIC BACKWARD WAVE OSCILLATOR WITH LOW MAGNETIC OPERATION	TA3-51-013 - Zhewei Li Title: HIGHLY EFFICIENT HORIZONTAL TUNNEL DIODE ELECTRON SOURCES	TA4-51-003 - Shuyu Dai Title: IMPACTS OF BOMBARDMENT ENERGY ON HYDROGEN REFLECTION FROM A TUNGSTEN FUZZ SURFACE	TA5-51-006 - Wengqiang Zhou Title: SURFACE MODIFICATION OF VERTICAL GRAPHENE BY ATMOSPHERIC PRESSURE PLASMA JET	TA6-51-015 - Suqinbin Park Title: MEASUREMENT OF ON TEMPERATURE AND ELECTRICAL CONDUCTIVITY OF AN EXPLODING COPPER WIRE IN WARM DENSE MATTER REGIME	TA7-51-003 - Zheng Zhao Title: PERIODICAL DISCHARGE MODE TRANSITION IN ATMOSPHERIC PRESSURE NITROGEN UNDER REPETITIVE 20 KV/15-NS PULSES	TA8-51-002 - Haihui Zhao Title: TOPOLOGICAL INSULATOR SOURCE FOR TERAHERTZ CIRCULAR DICHRISM SPECTROSCOPY
	TA1-51-011 - Matthew Hopkins Title: EMPLOYING NANOSCALE SURFACE CHARACTERIZATIONS IN A FIELD EMISSION MODEL	TA2-51-006 - Alena Rostuntsova Title: SELF-SIMILAR CHARACTER OF SHORT PULSE AMPLIFICATION AND GENERATION BY RECTILINEAR ELECTRON BEA	TA3-51-015 - Xianlong Wei Title: ON-CHIP THERMIONIC ELECTRON MICRO-EMITTER ARRAYS BASED ON CARBON NANOTUBE FILMS	TA4-51-007 - Zhanghu Hu Title: ENHANCED COLLECTIVE STOPPING AND IFT OF ELECTRON BEAMS IN FUSION PLASMAS WITH HEAVY ION SPECIES	TA5-51-008 - Latakusum pokharel Title: MODIFICATION OF HYDROPHILICITY OF COTTON USING ATMOSPHERIC PRESSURE DIELECTRIC BARRIER DISCHARGE	TA6-51-019 - Arti Rawat Title: NOVEL METHODOLOGY FOR CHARACTERIZING NON-LINEAR HARMONICS IN RADIO FREQUENCY DISCHARGES	TA7-51-004 - Ziyi Zhang Title: EFFECTS OF AN EXTERNAL DC MAGNETIC FIELD ON RESONANT MULTIPLECTOR BETWEEN TWO DIELECTRIC SURFACES	TA8-51-006 - John Rex Mohan Title: VOLTAGE CONTROLLED MAGNETIZATION DYNAMICS OF PERMALLOY ON PMN-PT (011) SINGLE CRYSTAL
	TA1-51-013 - Haoqin Zhang Title: The Diffusion 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 - Dr Denis Zolotuhin Title: DEPOSITION OF COMPOSITE MAGNETO-DIELECTRIC COATINGS USING FORE-VACUUM PLASMA-CATHODE ELECTRON SOURCE	TA4-51-015 - Ji Yan Title: THE EXPERIMENT INVESTIGATION OF LASER-PLASMA INTERACTION OF DIRECT IVE LASER WITH INTENSITY OVER 1015W/CM2 UNDER 200EV RADIATION BACKGROUND ON THE 100KJ LEVEL LASER FACILITY	TA5-51-011 - Zhan Shu Title: CATALYST-FREE PLASMA-ASSISTED NITROGEN FIATON 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	TA7-51-008 - LIN YINGYING Title: SYNTHESIS OF METAL/CARBON NANOCOMPOSITE BY GAS/LIQUID DISCHARGE PLASMA UNDER PRESSURE	TA8-52-003 - Prof Yingwei Li Title: EFFECTS OF LOW INTENSITY OF BROADBAND TERAHERTZ RADIATION ON THE GROWTH AND DEVELOPMENT OF NEURONS
	TA1-51-020 - Priti Singh Title: PRODUCTION OF HYDROGEN PLASMA BY COMPACT ECR SOURCE FOR EFFICIENT VOLUME GENERATION OF H ⁺ IONS	TA2-51-020 - Ryota Tanaka Title: CHARACTERISTICS OF ELECTRON EMISSION FROM ISLAND METAL FIL BASED ON HORIZONTAL TUNNELING DIODE FORMED IN SUBSTRATE	TA3-51-032 - Fanguan Zhan Title: A NEW MECHANISM OF ELECTRON EMISSION FROM ISLAND METAL FIL BASED ON HORIZONTAL TUNNELING DIODE FORMED IN SUBSTRATE	TA4-51-022 - Jayesh Ganji Title: MODELING OF FAST WAVE INTERACTION WITH SST-1 TOKAMAK LIKE PLASMA USING GENRAY CODE	TA5-51-015 - Xingyu Chen Title: SURFACE CHARGE SUPPRESSION AND SURFACE INSULATION STRENGTH ENHANCEMENT OF EPOXY RESIN VIA PLASMA-ENHANCED MAGNETRON SPUTTERING	TA6-51-027 - Ahmed Elshafey Title: HYBRID X-PINCH OPTIMIZATION	TA7-51-014 - Max Flynn Title: ASSESSING THE BREAKDOWN STRENGTH OF INSULATING GASES USING A MULTI-TERM BOLZMANN EQUATION MODEL	TA8-53-009 - Lu Zhang Title: NONLINEARITY-AWARE DISCRETE MULTI-TONE TERAHERTZ WIRELESS COMMUNICATIONS ACCELERATED BY PHOTONICS
	TA1-51-023 - Dr RAMESH NARAYANAN Title: 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 VIBRATOR SURROGATE MODEL TO CONSIDER THE PLASMA EXPANSION	TA3-51-039 - Dr Debaprasad Sahu Title: STUDIES ON HYDROGEN PLASMA IN AN ECR BASED LARGE VOLUME CHAMBER	TA4-51-024 - Muhammad Wisnuh Aggrawan-Rohasat Title: EXPLORING VARIOUS ANALYTICAL METHODS FOR ROTAMAX PLASMA MODELS	TA5-51-024 - Jumal Ibrahim Title: PLASMA POLYMERIZATION OF AMINE THIN COATINGS WITH A SURFACE BARRIER DISCHARGE AT ATMOSPHERIC PRESSURE	TA6-51-031 - Davide Del Cont Benard Title: ELECTRIC FIELD MEASUREMENTS IN A PLASMA ASSISTED COMBUSTION BURNER	TA7-51-017 - Jessica Title: A SUPERSONIC UNDERWATER PULSED ACOUSTIC SOURCE	TA8-53-010 - Mengyao Qiao Title: BEYOND 100 GBITS/ SENS-FREE PHOTONIC WIRELESS TRANSMISSIONS OF PS-16QAM-OFDM SIGNALS IN THE 350 GHZ BAND
	TA1-51-024 - Dong Yang Title: STUDY ON CHARACTERISTICS OF DC CORONA DISCHARGE IN A FLOWING TWO-PHASE MIXTURE	TA2-52-011 - Jiayi Zhang Title: 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	TA4-51-028 - Peter Stoltz Title: BENCHMARKING NON-IDEAL MHD MODELS OF ELECTROTHERMAL EFFECTS	TA5-51-025 - Francesco Di Sabatino Title: INFLUENCE OF NANOSECOND REPETITIVELY PULSED PLASMA DISCHARGES ON THE STABILITY LIMITS OF PREMIXED METHANE SWIRL FLAMES AT ELEVATED PRESSURES	TA6-51-033 - Sven Groeger Title: DETERMINATION OF THE PLASMAPARAMETERS OF AN RF-IGNITION SYSTEM IN A HELIUM/NITROGEN MIXTURE	TA7-52-006 - Yuchen Liu Title: RESEARCH ON THE INITIAL PLASMA PROCESS OF THE LASER-TRIGGERED VACUUM SWITCH	TA8-54-005 - Huajie Liang Title: TERAHERTZ PHASE SHIFTING BASED ON HOLE-ROD ARRAY VIA PHOTOCOROL VANADIUM DIOXIDE
	TA1-51-030 - Jonathan Wurtel Title: THE ROLE OF NONNEUTRAL PLASMA PHYSICS IN ANTIHYDROGEN SYNTHESIS	TA2-53-007 - Ranajoy Bhattacharya Title: PERTURBATIONS IN CROSS-FIELD DEVICES	TA3-51-051 - Agust Valfels Title: DEVIATION FROM THE 2-D CHILD-LANGMUIR LAW AT THE MICROSCALE	TA4-51-035 - Ken Uchibori Title: DEVELOPMENT OF 3D FUEL TARGET IMPLISSION SIMULATION CODE IN HEAVY ION INERTIAL FUSION	TA5-51-026 - Ying WANG Title: BIMETALLIC NANOSTRUCTURES FABRICATED BY ATMOSPHERIC MICROPLASMA	TA6-51-038 - Robert Beattie-Rossberg Title: MOIRE DEFLECTOMETER MEASUREMENTS OF PLASMA GENERATED FROM HIGH ENERGY, HIGH CURRENT FIELD EMISSION CATHODES DRIVEN BY LINN'S LINEAR TRANSFORMER DRIVER	TA7-52-015 - Jiaqi Yan Title: INVESTIGATIONS OF CURRENT QUENCHING IN PSEUDOSPARK DISCHARGE	TA8-54-021 - Ou Yue Title: THERMAL CHARACTERISTICS OF MULTI-STAGE COMPRESSED COLLECTOR FOR TERAHERTZ TRAVELING WAVE TUBES
	TA1-51-032 - Sebastian Wilczek Title: DYNAMICS OF THE ELECTRON TEMPERATURE AND POWER ABSORPTION IN CAPACITIVELY COUPLED RADIO FREQUENCY DISCHARGES	TA2-53-012 - Michael Read Title: A 1.3 GHZ 100 KW ULTRA-HIGH EFFICIENCY KLYSTRON	TA3-51-052 - Troy Powell Title: EFFECTS OF VACUUM IMPEDANCE CHANGES ON MITL FLOW USING 3D ELECTROMAGNETIC PIC SIMULATIONS	TA4-51-036 - Hiroki Nakamura Title: FUEL TARGET INJECTION INTO HEAVY-ION INERTIAL FUSION REACTOR	TA5-51-043 - Zane Cochnik Title: NON-EQUILIBRIUM MATERIALS PROCESSING USING GHz SPLIT-RING RESONATOR MICROPLASMA RESONATORS	TA6-51-039 - Suddeep 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 - Luyang Wang Title: FRACTIONALLY NON-UNIFORM CODING METASURFACES FOR TERAHERTZ BEAM CONTROL WITH FREQUENCY SHEERING
	TA1-51-034 - Sebastian Wilczek Title: FUNDAMENTALS OF ELECTRON DYNAMICS IN LOW PRESSURE CAPACITIVELY COUPLED RADIO FREQUENCY DISCHARGES	TA3-51-056 - Monika Yadav Title: NONLINEAR PROPAGATION OF Q-GAUSSIAN LASER BEAM IN PLASMAS AND SUBSEQUENT ELECTRON ACCELERATION	TA4-51-039 - LIM LIAN KUANG Title: RADIATION COOLING EFFECT ON THE PLASMA FOCUS PINCH	TA4-51-039 - LIM LIAN KUANG Title: RADIATION COOLING EFFECT ON THE PLASMA FOCUS PINCH	TA5-51-043 - Zane Cochnik Title: NON-EQUILIBRIUM MATERIALS PROCESSING USING GHz SPLIT-RING RESONATOR MICROPLASMA RESONATORS	TA6-51-040 - Terumasa Ryu Title: VELOCITY-DIAMETER RELATION OF NANOSECOND PULSED STREAMER HEAD IN COAXIAL ELECTRODE		TA8-54-023 - Jing Yin Title: ULTRAFAST SWITCHABLE TERAHERTZ 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	TA4-51-043 - Heba Bsharat Title: EFFECTS OF ELECTRODE BIASING ON THE STOR-M TOKAMAK PLASMA	TA6-51-045 - Christopher Durot Title: PRELIMINARY RESULTS TOWARD THE BUILD-UP OF LIF-DIP SPECTROSCOPY TO MEASURE ELECTRIC FIELD	TA6-51-051 - Kento Kimura Title: DIAGNOSTICS METHOD FOR 2D VELOCITY DISTRIBUTION FUNCTION OF BEAM DEUTERIUMS USING VISIBLE LIGHT SPECTRA OF ENERGETIC 3HE IN DEUTERIUM PLASMAS			

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)

TA1-S1-048 - Svetlana Avtaeva (15 min) MODELING PROPERTIES OF THE DBD IN AR-S2 MIXTURES USING A 2D FLUID MODEL	TA2-S3-047 - Simon Foulkes METAMATERIAL BASED RF SOURCES	TA3-S3-022 - Heman Bhuyan STUDY ON THE DUAL RF PLASMA ENHANCED PULSED LASER DEPOSITION OF TITANIUM NITRIDE THIN FILM (15min)			TA6-S3-011 - Michael Friedrichs (15min) PLANAR MULTIPOLE RESONANCE PROBE: APPROXIMATION OF THE IDEAL ANALYTIC SOLUTION ADAPTED TO THE REAL GEOMETRY		
TA1-S1-051 - Nichelle Bennett (15 min) FIRST-PRINCIPLES MODEL OF ELECTRODE PLASMA FORMATION IN MA-SCALE ACCELERATORS	TA2-S3-048 - Henry Freund (15 min) AN ULTRA-HIGH EFFICIENCY MULTI-BEAM IOT				TA6-S3-001 - Ben Ullmen (15min) PLANAR MULTIPOLE RESONANCE PROBE: APPROXIMATION OF THE IDEAL ANALYTIC SOLUTION ADAPTED TO THE REAL GEOMETRY		
	2hrs	1 hr 45 min	1 hr 45 min	1 hr 45 min	2 hr 15 minutes - start this session at 9:30 pm	1.25hrs	2hrs

Time	Poster Session - 2 on Day 2							
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)	TA1-S1-038 - Dennis Engel Title: IMPROVING THE LUMPED ELEMENT MODEL OF A RADIO FREQUENCY MAGNETRON DISCHARGE	TA2-S3-015 - Xiaoyan Zhang Title: DESIGN OF A 52GHZ STAGGERED DOUBLE VANE SLOW WAVE STRUCTURE BY BUMBLEBEE	TA3-S1-060 - Jenny Smith Title: DEVELOPMENT AND CHARACTERIZATION OF HOLLOW CATHODE PLASMA SOURCE FOR LIF-DIP EXPERIMENTAL SYSTEM	TA4-S2-018 - Takumi Nishura Title: CONTROL OF ION BEAM GENERATED BY INTENSE LASER	TA5-S1-009 - Udig Adhikari Title: FABRICATION OF EXCELLENT AND DURABLE SUPERHYDROPHOBIC SURFACES BY COLD PLASMA TREATMENT	TA6-S3-002 - Takeshi Katahira Title: STUDY OF THE NEW GENERATION OF THYRATRON PARAMETERS BY FLOATING PROBE METHOD USING TONE BURST SIGNAL	TA7-S2-021 - Victor Bochkov Title: STUDY OF THE NEW GENERATION OF THYRATRON AND PSEUDOSPARK SWITCHES. EXPERIENCE OF APPLICATION IN EQUIPMENT FOR MICROSECOND AND NANOSECOND PULSE WIDTH DURATION	TA8-S4-025 - Yijun Yu Title: A BROADBAND 220-GHZ THICK-DISK BEC VACUUM WINDOW
	TA1-S1-039 - Zhengshi Chang Title: STUDY ON DISCHARGE CHARACTERISTICS AND PARTICLE DISTRIBUTION OF LOW-PRESSURE CO ₂ DIELECTRIC BARRIER DISCHARGE	TA2-S3-016 - Andong Yue Title: SIMULATION OF AN INDUSTRIAL MAGNETRON USING CATHODE MODULATION	TA3-S1-061 - Janilee Benitez Title: MICROWAVE TRANSMISSION THROUGH THE VENUS ECR ION SOURCE	TA4-S2-022 - Joseph Strehlow Title: THE EFFECTS OF PULSE LENGTH AND COLLISIONAL IONIZATION ON THE LASER-DRIVEN ACCELERATION OF TITANIUM	TA5-S1-014 - Ying Wang (Bo Juying) Title: PLASMA BASED STRATEGIES FOR SYNTHESIS AND PROCESSING OF ELECTRODE MATERIALS IN ENERGY APPLICATION	TA6-S3-004 - Satyananda Kar Title: DEVELOPMENT OF A NOVEL TECHNIQUE TO DIAGNOSE AN RF ATMOSPHERIC PRESSURE PLASMA JET	TA7-S2-027 - David Martinez Title: DEGRADATION OF THE OUTPUT OF PULSE POWER SYSTEMS ASSOCIATED WITH NON IDEAL BEHAVIOR OF PROTECTED THYRISTORS	TA8-S4-027 - Longlong Yang Title: THE DISPERSION CHARACTERISTICS OF SLOW WAVE STRUCTURE EMBEDDED WITH ELECTRON BEAM IN TERAHERTZ RECTANGULAR GRATINGS
	TA1-S1-045 - Jian Yi Pao Title: REMOTE PLASMA-ASSISTED SYNTHESIS OF GRAPHENE FOR DEVELOPMENT OF FLEXIBLE BIOSENSORS	TA2-S3-019 - Aney Starodubov Title: DESIGN AND DEVELOPMENT OF A V-BAND BACKWARD-WAVE 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 Quart Title: X-RAY RADIATION FROM KRYPTON DOPED SYMMETRIC CAPSULE IMPLSION EXPERIMENTS ON NIF	TA5-S1-046 - Pengyu Wang Title: GROWTH AND PRECIPITATION OF WATER DROPLETS INDUCED BY CORONA DISCHARGE IN HUMID AIR	TA6-S3-008 - Zhiling Li Title: INVESTIGATION OF ELECTRICAL PHENOMENA INDUCED IN DENSE HELIUM	TA7-S2-028 - Crispin Masahudu Ewutomah Title: ANALYSIS OF AN AUTOMOTIVE HVDC RELAY BEHAVIOUR DURING SHORT CIRCUIT SITUATIONS	TA8-S4-028 - Ruihao Yang Title: SIMULATION OF 1THZ SINE WAVEGUIDE TRAVELING WAVE TUBES
	TA1-S1-048 - Fivos Antoulakis Title: A THEORY OF AC CONTACT RESISTANCE	TA2-S3-024 - Nicholas Jordan Title: EXTERNAL MAGNETIC FIELD EFFECTS IN MAGNETICALLY INSULATED LINE OSCILLATORS	TA3-S1-067 - Victor Burdovitsin Title: FORMATION OF PROTECTIVE AND WEARRESISTANT COATINGS ON TITANIUM ALLOYS BY THE COMBINATION OF FORE-VACUUM ELECTRON-BEAM AND ION-PLASMA DEPOSITION	TA4-S4-018 - Daniel Maler Title: FREE TARGET ACCELERATION BY UNDERWATER ELECTRICAL EXPLOSION OF A WIRE ARRAY	TA5-S1-060 - Yu-Lin Kuo Title: HARDNESS ENHANCEMENT USING PLASMA NITRIDING SKD11 DIE STEEL IN AN ATMOSPHERIC PRESSURE PLASMA JET	TA6-S3-013 - Chi Chen Title: DIAGNOSIS FOR 2.4GHZ COAXIAL MICROWAVE DRIVEN PLASMA	TA7-S2-029 - KANCHI SUNIL Title: DESIGN AND STUDY OF 40KV CAPACITOR BANK FOR DENSE PLASMA APPLICATIONS	TA8-S4-029 - Tianyang Song Title: SUB-TERAHERTZ BROADBAND INDEPENDENTLY ELECTRICALLY TUNABLE PHASE-SHIFT HORN-SHAPED METAMATERIALS EMBEDDED WITH GAAS DIODE
	TA1-S1-050 - Rohit Medwal Title: PLASMA ASSISTED HYDROGEN FUNCTIONALIZATION OF GRAPHENE/SI FOR PHOTODETECTION	TA2-S3-025 - Khawar Nadeem Title: A RECTANGULAR CORRUGATED KU-BAND BWO WITH DUAL RESONATOR	TA3-S1-068 - Uttsarsh Shashank Title: SPIN-TRANSPORT STUDY IN STRONTIUM TITANATE BASED TWO-DIMENSIONAL ELECTRON GAS CREATED BY ARGON IONS	TA4-S3-002 - Sree Harsha Srikanthiah Title: EFFECT OF ABERRATIONS IN FOCUSING ELEMENTS ON FEMTOSECOND FILAMENTS	TA5-S1-061 - Wannakuwaththawaduge Thomas Leon Suganda Fernando Title: HYDROPHILICITY VARIANCE ON THE ATMOSPHERIC PRESSURE PLASMA IRRADIATED POLYDIMETHYLSILOXANE SURFACES	TA6-S3-010 - Manabu Tanaka Title: FLUCTUATION PHENOMENA IN MULTIPHASE AC ARC UNDER NITROGEN ATMOSPHERE	TA7-S3-001 - Bucur Novac Title: A 1 MV TESLA GENERATOR	TA8-S4-037 - Haoyang Wang Title: A DIPOLE APPROXIMATION MODEL APPLICABLE TO BOTH ONE- AND TWO-COLOR CASES IN TERAHERTZ GENERATION PROCESS IN WATER
	TA1-S1-063 - RIDIP SARMA Title: ELECTROSTATIC WAVE DYNAMICS IN A DENSE RELATIVISTICALLY DEGENERATE MAGNETISED PLASMA	TA2-S3-026 - Edil Schamiloglu Title: HIGH POWER AMPLIFIER BASED ON INTERACTION BETWEEN MULTIPLE ELECTRON STREAM	TA3-S2-003 - Zhanqiu Hu Title: MODULATION OF ION BEAMS IN TWO-COMPONENT PLASMAS: THREE-DIMENSIONAL PARTICLE-IN-CELL SIMULATION	TA4-S5-005 - Kameswari DPSP Title: A THREE DIMENSIONAL HYDRODYNAMIC SIMULATIONS OF LASER PRODUCED AIR PLASMA DYNAMICS IN AMBIENT ATMOSPHERIC AIR	TA5-S1-063 - Zulfitri Azzaman Title: ALUMINIUM NITRIDE THIN FILM DEPOSITION BY DC AND HIGH-POWER IMPULSE MAGNETRON SPUTTERING	TA6-S3-014 - 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 - Shenghui Jiang Title: METASURFACE SLOW WAVE STRUCTURE FOR 220 GHZ SHEET BEAM TRAVELING WAVE TUBE
	TA1-S1-066 - Mikhail Viktorov Title: ZEBRA-LIKE PATTERNS IN WHISTLER WAVE EMISSION SPECTRA FROM NONEQUILIBRIUM MIRROR-CONFINED LABORATORY PLASMA	TA2-S3-028 - meiqin lu Title: DISPERSION RELATIONSHIP OF A SPLIT RING RESONATOR METAMATERIAL ARRANGED IN A CIRCULAR WAVEGUIDE	TA3-S2-004 - Claude Fourment Title: PROPAGATION OF AN INTENSE RELATIVISTIC PULSED ELECTRON BEAM THROUGH LOW PRESSURE HELIUM	TA4-S5-004 - Nagaraju Guthikonda Title: MATERIAL DEPENDENCE OF LATERAL CONFINEMENT OF LASER INDUCED AIR PLASMA	TA5-S1-065 - Josh Morsell Title: DESIGN AND CHARACTERIZATION OF AN OPEN CHANNEL MICROFLUIDICS TEST BED FOR ATMOSPHERIC PLASMA DISCHARGES	TA6-S3-016 - Honoka Morishita Title: DEVELOPMENT OF 3-D ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR CALCULATION OF METAL VAPOR GENERATED FROM ELECTRODES BY ARC DISCHARGE	TA7-S3-012 - Rick Spielman Title: INDIVIDUAL BRICK PERFORMANCE FOR THE CINCO PULSED-POWER IVER USED FOR EQUATION-OF-STATE EXPERIMENTS*	TA8-S5-003 - Guo Xiaojing Title: HEMT DIODE TERAHERTZ WAVE MODULATOR LOADED IN RECTANGULAR WAVEGUIDE
	TA1-S1-069 - Mengjun Xie Title: THE INFLUENCE OF MAGNETIC FIELD STRUCTURE ON THE PENNING ION SOURCE	TA2-S3-031 - PATRIZIA LIVRERI Title: A SIMPLIFIED DESIGN PROCEDURE OF A DOUBLE-GAP HUGHES-TYPE COUPLED-CAVITY FOR A KA-BAND EIK	TA3-S2-005 - Ricky Ang Title: FRACTIONAL MODEL OF FIELD EMISSION TO SPACE CHARGE LIMITED CURRENT FOR ROUGH METALLIC CATHODE	TA4-S5-006 - Ndiffo Yemeli Gevais Blondel Title: ACTIVATION 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 ELECTROMAGNETIC THERMAL FLUID SIMULATION FOR ANALYZING MOVEMENT AND DISAPPEARANCE OF MULTIPLE CATHODE SPOTS IN VACUUM ARC	TA6-S3-015 - SUBHANARAYAN SAHOO Title: EFFECT OF SURFACE DEGRADATION OF ACTUATOR ON ELECTROMAGNETIC PULSE WELDING	TA7-S3-015 - SUBHANARAYAN SAHOO Title: EFFECT OF SURFACE DEGRADATION OF ACTUATOR ON ELECTROMAGNETIC PULSE WELDING	TA8-S5-008 - Liu Chunyu Title: DUAL STRUCTURED TERAHERTZ BEAM GENERATORS BASED ON ALL-DIELECTRIC METASURFACES

Time	Day 3 - 8 December 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
1300 – 1500 Singapore/Beijing 1400 – 1600 Tokyo 1030 – 1230 Delhi 0700 – 0900 Tel Aviv 0500 – 0700 London 0000 – 0200 Washington DC 2100 – 2300 (-1) San Diego (US)	Women in Engineering (WIE) Talk - Jacky Ying Young Professionals Networking Symposium (YPNS@ICOPS2020) - Mark Lim
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)	Poster Session - 3 (List of posters is after parallel sessions below)

Time	PARALLEL SESSIONS							
	D3N1-TA1.2	D3N2-TA2.4 SC: Sheel Aditya	D3N3-TA3.3 SC: Wu Lin	D3N4-TA4.6	D3N5-TA5.2	D3N6-TA5.4	D3N7-TA7.4	D3N8-TA8.4
2200 – 2400 Singapore/Beijing 2300 – 0100 (+1) Tokyo 1930 – 2130 Delhi 1600 – 1800 Tel Aviv 1400 – 1600 London 0900 – 1100 Washington DC 0600 – 0800 San Diego (US)	<p>TA1-S2-028 - Hu Jun Kim EFFECTS OF THE ELECTRODE TEMPERATURE ON SPATIAL DISTRIBUTIONS OF PLASMA PARAMETERS IN INTERMEDIATE PRESSURE CAPACITIVELY COUPLED PLASMAS (Invited Talk - 30 min)</p> <p>TA1-S2-053 Ade D Pratama SIMULATION OF ATMOSPHERIC PRESSURE DC PLASMA TORCH USING ARGON GAS (15 min)</p> <p>TA1-S2-055 - Joseph Theit PREDICTION OF PASCHEN'S LAW USING SPEED-LIMITED PARTICLE-IN-CELL SIMULATION (15 min)</p> <p>TA1-S2-056 - Gregory Werner MODELING PLASMA PROBES WITH SPEED-LIMITED PARTICLE-IN-CELL SIMULATION (15 min)</p> <p>TA1-S2-058 - Thomas Jenkins KINETIC DISPERSION RELATIONS AND THE SPEED-LIMITED PARTICLE-IN-CELL ALGORITHM (15 min)</p> <p>TA1-S2-046 - K Koryuchenko NUMERICAL INVESTIGATION OF AN INFLUENCE OF VIBRATIONAL EXCITATION PROCESS ON DIRECT DETONATION INITIATION IN A HYDROGEN-OXYGEN MIXTURE BY SPARK DISCHARGE (15 min)</p>	<p>TA2-S4-011 - Reginald Jaynes MICROFABRICATION AND MICRO-MACHINING FOR MILLIMETER-WAVE TRAVELING WAVE TUBES (Invited Talk - 30 min)</p> <p>TA2-S4-012 - Jun Chen Preparation of ZnO nanowire field emitter arrays and their device applications (Invited Talk - 30 min)</p> <p>TA2-S4-007 - Hevin Wang THE STUDY OF VERY LOW VOLTAGE PLANAR SLOW WAVE STRUCTURE FOR COMPACT TWT (15 min)</p> <p>TA2-S4-013 - Xianlong Wei ON-CHIP THERMIONIC ELECTRON SOURCES BASED ON GRAPHENE AND CARBON NANOTUBES (15 min)</p> <p>TA2-S3-042 - Bilawal Ali* TITLE: DESIGN AND SIMULATION STUDY OF S-BAND WILCO-BASED RADIATION SYSTEM</p>	<p>TA3-S3-003 - Fang Liu (Invited Talk - 30 min) CHERENKOV RADIATION BASED ON NANOSTRUCTURES</p> <p>TA3-S3-010 - Gennady Shvets (15 min) TRANSITION RADIATION IN PHOTONIC TOPOLOGICAL CRYSTALS: QUASI-RESONANT EXCITATION OF ROBUST EDGE STATES BY A MOVING CHARGE</p> <p>TA3-S3-013 - Surbhi Gupta Title: FERROELECTRIC-PHOTOVOLTAIC AND OPTOELECTRONIC-SENSING RESPONSE TO SUBSTITUTION ENGINEERING OF SPIN CASTED BIFEO3 THIN FILMS</p> <p>TA3-S3-015 - Paul Lee Title: MODIFICATIONS OF TUNGSTEN SUBSTRATES FOR IMPROVED SURFACE HARDNESS USING DENSE PLASMA</p>	<p>TA4-S6-032 - Nicholas Aybar SIMULTANEOUS MEASUREMENTS OF GAS-PUFF Z-PINCH PARAMETERS USING VISIBLE SPECTROSCOPY (Invited Talk - 30 min)</p> <p>TA4-S6-016 - Ziwel Chen EXPLOSION DYNAMICS AND RADIATION OF PRECONDITIONED HYBRID X-PINCH (15min)</p> <p>TA4-S6-019 - Raul Melean Title: FERROELECTRIC-PHOTOVOLTAIC AND OPTOELECTRONIC-SENSING RESPONSE TO SUBSTITUTION ENGINEERING OF SPIN CASTED BIFEO3 THIN FILMS</p> <p>TA4-S6-022 - Paul Campbell Taylor Instabilities with a Dynamic Screw Pinch (15min)</p> <p>TA4-S6-024 - Jeremy Chittenden 3D MHD SIMULATIONS OF WIRE ARRAY RADIATION ABLATION EXPERIMENTS AND MAGNETISED LINER FUSION (15min)</p> <p>TA4-S6-025 - Alla Safronova X-RAY RADIATION FROM COMPACT TUNGSTEN WIRE ARRAYS AT 1 MA CURRENT (15min)</p> <p>TA4-S6-028 - Georgy Oleynik PLASMA PRODUCTION ON THE CURRENT CARRYING ELECTRODES AT THE ANGARA-5-1 (15min)</p>	<p>TA5-S2-029 - Hai-Xing Wang CHEMICAL NON-EQUILIBRIUM SIMULATION OF AN ARGON TRANSFERRED ARC WITH CROSS-FLOW (Invited Talk - 30 min)</p> <p>TA5-S2-011 - Manabu Tanaka ANALYSIS OF DISCHARGE CHARACTERISTICS OF WATER THERMAL PLASMA WITH MIST GENERATION BY HIGH-SPEED CAMERA (15min)</p> <p>TA5-S2-015 - Yuki Suzuki ANALYSIS OF TEMPERATURE DISTRIBUTION AND ABLATION GAS CONCENTRATION UNDER CONSIDERATION OF NOZZLE ABLATION CAUSED BY SPIRAL ARC APPLIED AXIAL MAGNETIC FIELD (15min)</p> <p>TA5-S2-023 - Waldo Bongers (15min) PLASMA AS FEASIBLE OPTION FOR RENEWABLE ENERGY DRIVE FOR HYBRID (NON)EQUILIBRIUM CHEMISTRY</p> <p>TA5-S2-026 - Zachary Jekell (15min) ATMOSPHERIC-PRESSURE MICROWAVE-PLASMA-PRODUCED ANTI-CORROSION AND ADHESION PROMOTION THIN FILMS</p> <p>TA5-S2-028 - Sayan Biswas (15min) EXPERIMENTAL AND NUMERICAL INVESTIGATION OF NANO-SECOND THERMAL PLASMA IGNITION</p> <p>TA5-S2-035 - Ryudai Furukawa (15min) IMAGING OF FEEDSTOCK PARTICLE DYNAMICS IN THERMAL PLASMA FOR NANOPARTICLE SYNTHESIS BY LASER-STROBE MEASUREMENT</p>	<p>TA5-S4-011 - Tao Shao EFFICIENT CONVERSION OF GREENHOUSE GAS INTO VALUE-ADDED CHEMICALS WITH NON-THERMAL NANOSECOND PULSED PLASMA (Invited Talk - 30 min)</p> <p>TA5-S4-010 - Ivan Ganachev WALL SURFACE CURRENTS IN INDUCTIVELY COUPLED PLASMAS FOR MATERIAL PROCESSING (15min)</p> <p>TA5-S4-013 - Rusen Zhou THE FUTURE: PLASMA-ENABLED DIRECT LIQUID ETHANOL CONVERSION FOR HYDROGEN GAS AND C-MATERIALS PRODUCTION (15min)</p> <p>TA5-S4-018 - Dingchen Li THE INTERCEPTION OF FOG BY IONIC WIND INDUCED BY CORONA DISCHARGE IN A WIRE-MESH ELECTRODE (15min)</p> <p>TA5-S4-043 - Guido Link NON-EQUILIBRIUM ATMOSPHERIC AND MICROWAVE SUSTAINED PLASMA FOR CO2 CONVERSION (15min)</p> <p>TA5-S4-052 - Haneul Lee CHARACTERIZATION OF COUPLING COEFFICIENT FOR TRANSFORMER MODEL APPLICATION IN NON-INVASIVE PLASMA MONITORING (15min)</p>	<p>TA7-S4-026 - John Mankowski COMPACT PULSED POWER AT TEXAS TECH UNIVERSITY (Invited Talk - 30 min)</p> <p>TA7-S4-001 - Zhe Fan MICROSECOND PULSED SPARK DISCHARGE PLASMA TREATMENT ON HEAVY OIL MODEL COMPOUNDS FOR HYDROGEN PRODUCTION (15min)</p> <p>TA7-S4-004 - Denis Zolotarev TWO-STAGE MICRO-CATHODE MPD THRUSTER AND ITS IMPROVEMENT BY THE THRESHOLD BEHAVIOR OF THE MAGNETIZED ARC (15min)</p> <p>TA7-S4-020 - Myung-Geun Song DESIGN, FABRICATION AND EXPERIMENTAL RESULTS OF A FOUR-STAGE INDUCTION COILGUN USING PULSED POWER FOR LAUNCHING HEAVY PROJECTILE (15min)</p> <p>TA7-S4-022 - Huantong Shi EFFECTS OF CIRCUIT INDUCTANCE ON ELECTRICAL AND SHOCK WAVE CHARACTERISTICS DURING UNDERWATER COPPER WIRE EXPLOSION (15min)</p> <p>TA7-S4-027 - Ranashree Ram EFFECT OF MUTUAL FLUX LINKAGE BETWEEN STAGES ON THE PROJECTILE MOTION IN A MULTISTAGE INDUCTION COILGUN (15min)</p> <p>TA7-S4-028 - Deepak Kaushik NUMERICAL MODELLING AND ANALYSIS OF THE EFFECTS OF PROCESS PARAMETERS ON PULSED ELECTROMAGNETIC CRIMPING (15min)</p>	<p>TA8-S4-041 - Wenxin Liu DEVELOPMENT THE G- AND Y-BAND FOLDED WAVEGUIDE TRAVELING WAVE TUBES (Invited Talk - 30 min)</p> <p>TA8-S4-011 - TIANNING ZHANG Title: NONLINEAR THz OPTICAL RESPONSE OF 3D TOPOLOGICAL DIRAC/WEYL SEMIMETALS (15min)</p> <p>TA8-S4-014 - Jeremy Lim Title: ANOMALOUS SUPPRESSION OF HIGHER-ORDER NONLINEARITIES IN 3D DIRAC SEMIMETALS (15min)</p> <p>TA8-S4-036 - Weidong Wu Title: THERMAL LOCALIZATION ENHANCED TERAHERTZ PHOTOTHERMOELECTRIC RESPONSE IN QUASI-ONE-DIMENSIONAL MATERIAL Nb53 (15min)</p> <p>TA8-S4-039 - Jinjing Luo Title: IMPROVEMENT OF 0.34 THz SHEET BEAM SINE WAVEGUIDE TRAVELING WAVE TUBE (15min)</p> <p>TA8-S5-017 - Wei Feng Title: EFFICIENT PHASE MODULATION OF THE WAVE WITH A PHOTO-INDUCED DYNAMIC VANADIUM DIOXIDE EIT META-SURFACE</p> <p>TA8-S5-022 - Jun Zhou Title: DESIGN LEARNING DESIGN OF A TERAHERTZ METAGRATING</p> <p>TA8-S5-023 - Xiaojian Fu Title: TERAHERTZ CODING META-MATERIALS FOR FLEXIBLE BEAM MANIPULATIONS</p> <p>TA8-S5-024 - Amy MacLachlan Title: OVERMODDED, HIGH-POWER 0.2 THz RADIATION SOURCE BASED ON A CYLINDRICAL 2D PERIODIC SURFACE LATTICE CAVITY</p>

Time	Poster Session -3 on Day 3							
2000 – 2200 Singapore/Beijing 2100 – 2300 Tokyo	<p>TA1-S1-074 - Cyrus Nejat Title: NEAT LAWS FOR PLASMA BEHAVIOR BETWEEN TWO PLATES WITH PASCHEN CURVE ANALYSIS</p> <p>TA1-S1-043 - Tianyu Tang Title: SCHULEN IMAGING INVESTIGATION FOR ATMOSPHERIC PRESSURE HELIUM PLASMA JET</p> <p>TA1-S1-015 - Ni Zhao Title: THE EFFECTS OF SEEC AND PERMITTIVITY OF DIELECTRIC ON PROPERTIES OF AR/NH3 DBD BY EMPLOYING 1D NUMERICAL MODEL</p> <p>TA1-S1-014 - Anbang Sun Title: 2D FLUID SIMULATIONS OF THE INTERACTION BETWEEN STREAMERS AND DIELECTRICS: CHARACTERISTICS OF SURFACE CHARGE</p>	<p>TA2-S3-032 - PATRIZIA LIVRERI Title: DESIGN OF A TWT CONIC HELIX SLOW-WAVE STRUCTURE FOR HIGH EFFICIENCY AND BWO IMMUNITY</p> <p>TA2-S3-035 - Igor Chernyavskiy Title: ADAPTING THE LARGE-SIGNAL CODE TESLA TO THE MODELING OF BWOs</p> <p>TA2-S3-044 - Matthew Abide Title: S-BAND MAGNETICALLY INSULATED LINE OSCILLATOR (MILIO) WITH ADJUSTABLE CATHODE/BAM DUMP OVERLAP</p>	<p>TA3-S2-010 - Brandon Medina Title: HYBRID SIMULATION OF HIGH INTENSITY ELECTRON BEAM PROPAGATION THROUGH A LOW PRESSURE GAS CELL</p> <p>TA3-S2-013 - Jacques Gardelle Title: EXPERIMENTAL AND NUMERICAL STUDIES OF ELECTRON BEAM PROPAGATION IN ARGON</p> <p>TA3-S2-015 - Saikang SHEN Title: STUDY ON THE STABILITY OF THE ELECTRON BEAM GENERATED BY TRIGGERED PSEUDOSPARK DISCHARGE</p> <p>TA3-S2-020 - Shengkun Jiang Title: RESEARCH OF PCW AND UNIFORM MAGNETIC FIELD FOCUSING IN SHEET ELECTRON BEAM</p>	<p>TA4-S5-003 - Sree Harsha Srikanthiah Title: EVALUATION OF SONIC EMISSIONS FROM FEMTOSECOND FILAMENTS</p> <p>TA4-S5-008 - ARATI DASGUPTA Title: SPECTROSCOPIC DIAGNOSTICS USING LINE RADIATION IN LASER IYEN NON-EQUILIBRIUM PLASMAS</p> <p>TA4-S6-021 - Akash Shah Title: DEVELOPMENT OF A GAS-PUFF Z-PINCH EXPERIMENT FOR THE 1-MA, 100-NS MAZE LTD</p> <p>TA4-S6-023 - Simon Bland Title: AN ULTRA-PORTABLE X-PINCH FOR PROBING WARM DENSE MATTER</p>	<p>TA5-S2-018 - Masashi Shimazaki Title: MOVEMENT SPEED VARIATION OF CATHODE SPOT AFFECTED BY MAGNETIC FLUX DENSITY MAGNITUDE OF ALTERNATING MAGNETIC FIELD</p> <p>TA5-S2-021 - Shinichiro Kashwagi Title: CALCULATION OF ARC TEMPERATURE DISTRIBUTION WITH CHANGING NOZZLE SHAPE</p> <p>TA5-S2-022 - Yuki Sugiyama Title: ARC DEFLECTION LENGTH AFFECTED BY DIAGONAL MAGNETIC FIELD IN 3D ELECTROMAGNETIC THERMAL FLUID SIMULATION</p> <p>TA5-S2-024 - Junseok Nam Title: PERFORMANCE TEST OF A REVERSE POLARITY PLASMA TORCH FOR MELTING APPLICATIONS OF NON-COMBUSTIBLE WASTES</p>	<p>TA5-S5-002 - Chaoyang Zhang Title: LOW-TEMPERATURE STERILIZATION BY ATMOSPHERIC PRESSURE PLASMA JET</p> <p>TA5-S5-005 - jinwoo kim Title: VIABILITY OF SHELF LIFE EXTENSION OF BLUEBERRIES USING A PLASMA POUCH</p> <p>TA5-S5-006 - MASAFUMI ITO Title: PROMOTION OF AMYLASE PRODUCTIONS FROM ASPERGILLUS ORYZAE SPORES EXPOSED TO OXYGEN RADICALS</p> <p>TA5-S5-011 - Jiaili Chen Title: SILICON CARBIDE NANOSHEETS WERE PREPARED BY HELICON WAVE PLASMA CHEMICAL VAPOR DEPOSITION</p>	<p>TA7-S3-017 - Brendan Sporer Title: TESTING OF THE PROTOTYPE BLUE LINEAR TRANSFORMER DRIVER (LTD) CAVITY AT UNIVERSITY OF MICHIGAN</p> <p>TA7-S3-028 - Saikang SHEN Title: APPLICATION OF REPETITIVE NANOSECOND PULSE GENERATOR BASED ON AVALANCHE TRANSISTORS IN PLASMA JET</p> <p>TA7-S4-007 - canhui shi Title: CONTINUOUS PULSED ELECTRIC FIELD TREATMENT OF MICROORGANISMS USING DIFFERENT ELECTRODE TOPOLOGY</p>	<p>TA8-S5-017 - Wei Feng Title: EFFICIENT PHASE MODULATION OF THE WAVE WITH A PHOTO-INDUCED DYNAMIC VANADIUM DIOXIDE EIT META-SURFACE</p> <p>TA8-S5-022 - Jun Zhou Title: DESIGN LEARNING DESIGN OF A TERAHERTZ METAGRATING</p> <p>TA8-S5-023 - Xiaojian Fu Title: TERAHERTZ CODING META-MATERIALS FOR FLEXIBLE BEAM MANIPULATIONS</p> <p>TA8-S5-024 - Amy MacLachlan Title: OVERMODDED, HIGH-POWER 0.2 THz RADIATION SOURCE BASED ON A CYLINDRICAL 2D PERIODIC SURFACE LATTICE CAVITY</p>

1730 – 1930 Delhi
 1400 – 1600 Tel Aviv
 1200 – 1400 London
 0700 – 0900 Washington DC
 0400 – 0600 San Diego (US)

TA1-52-007 - Abdou Diaw Title: KLIMOTOVICH, BOLTZMANN, AND VLASOV - WHAT ARE PIC CODES REALLY SOLVING?	TA2-53-046 - Vishant Gahlaut Title: FIVE-STAGE DEPRESSED COLLECTOR FOR HIGH EFFICIENCY SPACE TWTS	TA3-52-022 - Haruyasu Ishida Title: DEVELOPMENT OF BIPOLAR PULSE ACCELERATOR FOR HIGH-PURITY INTENSE PULSED ION BEAM TO MATERIAL PROCESSING	TA4-56-026 - Nicholas Aybar Title: MAGNETIC FIELD CHARACTERIZATION OF OXYGEN GAS-PUFF Z-PINCH USING SPECTROSCOPIC TECHNIQUES	TA5-52-031 - Sang-Min Chung Title: SURFACE TREATMENT OF CARBONACEOUS POWDER BY INDUCTION PLASMAS	TA5-55-017 - Li Lin Title: PLASMA-TARGET AT STEADY STATE: A GENERAL METHOD OF REACTIVE SPECIES DOSAGE ESTIMATION FOR PLASMA JET MEDICINE	TA7-54-011 - Shaoxiang Ma Title: AN IMPROVED DESIGN METHOD OF SNUBBER CIRCUIT FOR HIGH-VOLTAGE DIODE RECTIFIER IN ACCELERATION GRID POWER SUPPLY	TAB-56-016 - Yayun Cheng Title: PASSIVE TERAHERTZ MULTI-POLARIZATION IMAGING EXPERIMENTS FOR PERSONNEL SCREENING APPLICATION
TA1-52-013 - Chang Ho Kim Title: THE EFFECT OF SECONDARY ELECTRON EMISSION ON ELECTRON HEATING AND ION TRANSPORT IN CAPACITIVELY COUPLED RF PLASMAS	TA2-54-006 - Jun Dai Title: MODELING OF A HIGH-POWER TERAHERTZ VACUUM PHOTOMIXER SOURCE	TA3-52-023 - Li qiang Title: PARTICLE SIMULATION FOR THE C-BAND SINGLE-INJECTION KILOSTRON AMPLIFIER	TA4-56-027 - Stuart Jackson Title: EFFECT OF INITIAL CONDITIONS ON CHARGED PARTICLE ACCELERATION IN A DENSE PLASMA FOCUS	TA5-53-001 - Potrivitu George-Cristian Title: SCALING LAWS FOR VERY LOW-CURRENT LABS THERMIONIC CATHODES FOR ELECTRIC PROPULSION SYSTEMS FOR SMALL SATELLITES	TA5-55-023 - Ferhat Boaduman Title: TREATMENT OF SKIN CANCER BY USING ATMOSPHERIC PRESSURE COLD PLASMA METHOD	TA7-54-015 - Li Pengfei Title: EFFECTS OF PULSED ELECTRIC FIELD TREATMENT ON LIPASE ACTIVITY	TAB-56-026 - Bingbing Wang Title: TERAHERTZ IMAGING BASED ON Si:P BLOCKED IMPURITY BAND DETECTOR
TA1-52-015 - John Luginsland Title: OHM'S LAW IN THE SLOW LANE: GAUSSIAN INVARIANT ELECTROMAGNETIC CLOSURES FOR ELECTRON-ION PLASMAS	TA2-54-008 - Duo Xu Title: AN ALGORITHM FOR CALCULATING THE OPERATING VOLTAGE OF COMPLEX SLOW WAVE STRUCTURES	TA3-53-002 - Tianyu Zhang Title: EXTREMELY CONFINED ACOUSTIC GRAPHENE PLASMONS EXCITED BY FREE-ELECTRON-BEAMS	TA4-56-033 - Lukasz Marciniak Title: FUSION NEUTRON EMISSION AND PLASMA DYNAMICS IN THE PF-24 DEVICE OPERATED WITH D2 AND D2-NE MIXTURES - EXPERIMENTS AND SIMULATIONS	TA5-53-007 - Yufei Sun Title: PRELIMINARY EXPERIMENTS ON ROTAMAK-LIKE PLASMA ENGINE	TA5-55-029 - Jitena Kumar Title: TERMINATION OF MAGGOTS FROM GREEN PLANT BY DEVELOPED MICROWAVE SOURCE	TA7-54-029 - Vitaliy Stelmashuk Title: COMPARISON AND VALIDATION OF TWO MATHEMATICAL MODEL OF UNDERWATER SPARK SIMULATION USING CYLINDRICAL AND ELLIPTICAL COORDINATES	TAB-57-005 - Yinyan Feng Title: A COMPACT G-BAND DIPOLEXER BASED ON QUASI-ELLIPTICAL FILTER
TA1-52-016 - Amanda Lietz Title: ESTIMATING SECONDARY ELECTRON YIELDS USING PLASMA DISCHARGE MODELING	TA2-54-009 - Aney Starodubov Title: AN ORIGINAL APPROACH FOR MICROFABRICATION OF METAMATERIALS PATTERNS FOR MILLIMETER-BAND VACUUM MICROELECTRONIC DEVICES	TA3-53-018 - Stanislav Makarkin Title: AN ANALYSIS OF SPATIALLY LOCALIZED CLUSTERS OF SPACE CHARGE IN NON-LAMINAR ELECTRON BEAMS OF LOW-VOLTAGE VIRCATORS	TA4-56-041 - Yen-Cheng Lin Title: THE STUDY OF THE ROTATIONAL PLASMA JETS PRODUCED BY TWISTED-CONICAL-WIRE ARRAY	TA5-53-009 - Lubos Briedo Title: STUDY OF VACUUM ARC FORMATION USING A ONE-DIMENSIONAL CPU/GPU PARTICLE CODE	TA7-54-038 - I. V. Jawahar Reddy Title: DESIGN AND DEVELOPMENT OF 300/1 G VOLTAGE DIVIDER		TAB-57-007 - Kaichun Zhang Title: MODE COMPETITION IN THz SOURCE WITH PARALLEL MULTI-BEAM AND ARRAY STRUCTURE

Time	Day 4 - 9 December 2020							
	PARALLEL SESSIONS							
	D4M1-TA1.3	D4M2-TA2.5	D4M3	D4M4-TA4.6	D4M5-TA5.2	D4M6-TA5.4	D4M7-TA7.4	D4M8-TA8.5
1100 – 1300 Singapore/Beijing 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-S3-002 - Xiaogang Wang INTRODUCTION TO SPACE ENVIRONMENT EXPERIMENT RESEARCH FACILITY (SEPER) (Invited Talk - 30 min)	TA2-S5-007 - Xiaolin Jin APPLICATION AND IMPLEMENT OF 3D FASTIC SIMULATOR (Invited Talk - 30min)		TA4-S6-037 - Simon Bland PULSED POWER DRIVEN UNDERWATER WIRE ARRAY EXPLOSIONS AND THEIR USE TO PROPEL HIGH SPEED FLYER PLATES (Invited Talk - 30min)	TA5-S2-030 - Igor Kaganovich VALIDATED MODELING OF ATMOSPHERIC PRESSURE ANODIC ARC AND SYNTHESIS OF CARBON NANOMATERIALS (Invited Talk - 30 min)		TA7-S4-031 - Fatima Zahra BOUDARA ACCURATE 3D NUMERICAL MODELING AND EXPERIMENTAL VERIFICATION OF STRONGLY COUPLED UNSHIELDED PULSED ELECTROMAGNETIC COUPLER FOR SMART GRID APPLICATIONS (15min)	TA8-S5-024 - Willie Padilla ACCELERATED TERAHERTZ METASURFACE DESIGN WITH DEEP LEARNING (Invited Talk - 30 min)
	TA1-S3-004 - Min Sup Hur STUDY OF COSMIC RADIO BURSTS IN LAB-SCALE PLASMAS (Invited Talk - 30 min)	TA2-S5-014 - Yongdong Li UNIPIC: A CONFORMAL PARTICLE-IN-CELL CODE FOR HIGH POWER MICROWAVE AND PULSE DISCHARGE (Invited Talk 30min)		TA4-S6-042 - Alexander Rososhek ENHANCED CONVERGENCE OF A CYLINDRICAL SHOCKWAVE (15min)	TA5-S2-036 - Keita Akashi EFFECT OF INTERMITTENT INJECTION TIMING OF QUENCHING GAS ON COMPOSITION AND PARTICLE SIZE OF SiC NANOPARTICLES SYNTHESIZED BY MODULATED INDUCTION THERMAL PLASMA (15min)		TA7-S4-032 - Feng Yu SOLID-STATE LINEAR TRANSFORMER DRIVER USING INDUCTIVE ENERGY STORAGE (15min)	TA8-S5-028 - Ranjan Singh Title: GIANT KINETIC INDUCTANCE IN HIGH-TC SUPERCONDUCTING METACAVITIES (15min)
	TA1-S3-020 - Chengran Du INTERFACIAL PHENOMENA IN A PHASE-SEPARATED BINARY COMPLEX PLASMA: EXPERIMENTS AND SIMULATIONS (Invited Talk - 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-S2-037 - 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: GIANT KINETIC INDUCTANCE IN HIGH-TC SUPERCONDUCTING METACAVITIES (15min)
	TA1-S3-025 - Paul Bernhardt STRONG AMPLIFICATION OF ELF/VLF SIGNALS IN SPACE USING NEUTRAL GAS INJECTION FROM A SATELLITE ROCKET ENGINE (15 min)	TA2-S5-012 - Chun Yun Kee GPU ACCELERATED EM MODELING TOOL FOR ELECTRICALLY LARGE OBJECTS (15 min)		TA4-S6-045 - Daoyuan Zhang STUDY OF INSIDE PLASMA PRECURSOR AND OUTSIDE PLASMA INSTABILITY OF EXPLODING LINER (15min)	TA5-S2-038 - Mako Yoshida ICP MS/AES SIMULTANEOUS ANALYSIS SYSTEM FOR TRACE ELEMENTS IN A SINGLE HUMAN CELL (15min)		TA7-S4-035 - Matthew Woodyard DESIGN AND TESTING OF A COMPACT 1 MV CLASS TESLA TRANSFORMER (15min)	TA8-S5-018 - Yue Wang SENSITIVE DETECTION OF CHLOROPYRIFOS PESTICIDE USING TERAHERTZ METASURFACE (15min)
	TA1-S3-023 - Bengt Eliasson OBSERVATION AND NUMERICAL MODELLING OF IONOSPHERIC BEAT-WAVE BRILLOUIN SCATTERING AT EISCAT (15 min)	TA2-S5-018 - Alexander Vlasov ADJOINT APPROACH TO OPTIMIZATION OF BEAM WAVE INTERACTION (15 min)		TA4-S6-046 - Eric Lerner OPTIMIZATION OF A MEGA-AMPERE DPF WITH MONOLITHIC BERYLLIUM ELECTRODES FOR HIGH NEUTRON YIELD (15min)	TA5-S2-039 - Wang Yiran SYNTHESIS OF AMORPHOUS OXIDE ELECTROLYTE NANOPARTICLES FOR ALL-SOLID-STATE BATTERY BY INDUCTION THERMAL PLASMA (15min)		TA7-S4-036 - Roman Shapovalov SIDE-BY-SIDE COMPARISON OF STANDARD-BRICK AND DRI-BRICK PULSER CONFIGURATIONS (15min)	TA8-S5-026 - Wulin Tong THE SIMULATION OF ABSORPTION PROPERTIES OF DUAL SPLIT RING RESONATOR (DSRR)/GAAS-BASED BLOCK IMPURITY BAND (BIB) HYBRID STRUCTURE (15min)
	TA1-S3-005 - Naikul Nuwal KINETIC MODELING OF SNAPOVER ON SPACECRAFT SOLAR-PANEL SURFACES (15 min)	TA2-S5-019 - Simon Cooke RECENT ENHANCEMENTS IN ELECTROMAGNETIC PARTICLE-IN-CELL MODELING WITH NEPTUNE (15 min)		TA4-S6-049 - Ioannis Fitiilis 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 Seivour BIO-INSPIRED THz AND OPTICAL ARTIFICIAL ELECTROMAGNETIC MEDIA (15min)
		TA2-S5-020 - Luke Silvestre DEVELOPMENT OF A VLASOV EQUATION BASED NUMERICAL MODEL OF MULTIPACTOR DISCHARGE (15 min)		TA4-S6-050 - Tal Queller RADIAL CURRENT DISTRIBUTION OF A GAS-PUFF SELF IMPLDING PLASMA CLOSE TO STAGNATION (15min)	TA5-S2-043 - Zhan Pan THE EFFECTS OF PARTICLES VAPOR ON ARC PLASMAS (15min)		TA7-S4-040 - Nal Tsouan A COMPARISON OF VELOCITY SKIN EFFECT MODELING WITH 2-D TRANSIENT AND 3-D QUASI-TRANSIENT FINITE ELEMENT METHODS (15min)	
							TA7-S4-044 - Edwin Oshin COLD PLASMA-INDUCED CHANGE IN ELECTRIC PROPERTIES OF CANCER CELLS IN VITRO (15min)	
		2 hrs 15 min	2hr	2hrs	2 hrs		2hrs	2hrs

1330 – 1500 Singapore/Beijing 1430 – 1600 Tokyo 1100 – 1230 Delhi 0730 – 0900 Tel Aviv 0530 – 0700 London 0030 – 0200 Washington DC 2130 – 2300 (-1) San Diego (US)	Plenary 5 - K D Weltman - TA5-S5-025: ATMOSPHERIC PRESSURE PLASMAS FOR SELECTED APPLICATIONS IN LIFE SCIENCE
	Plenary 6 - Michael Johnston - TA8-S6-024: FROM TERAHERTZ SPECTROSCOPY 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)	Poster Session - 4 (List of posters is after parallel sessions below)
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Time	PARALLEL SESSIONS							
	D4N1-TA1.4+TA1.1	D4N2-TA2.7	D4N3-TA	D4N4-TA4.6 + TA4.7	D4N5-TA5.3	D4N6-TA5.4	D4N7-TA5.5	D4N8-TA8.6
	TA1-S4-013 - Quan-Zhi Zhang NON-LINEAR SHEATH OSCILLATION MECHANISM IN SYMMETRIC CAPACITIVELY COUPLED PLASMA SHEATHS (Invited Talk - 30 min)	TA2-S7-007 - Qiuyue Nie FUNDAMENTAL THEORY AND APPLIED TECHNOLOGY OF EM WAVE MODIFICATION AND CONTROL BY PLASMAS (Invited Talk - 30min)		TA4-S6-039 - Andrea Schmidt SIMULATION-GUIDED EXPERIMENTS ON THE MEGAJoule NEUTRON IMAGING RADIOGRAPHY (MIDNIR) DPF (Invited Talk - 30 min)	TA5-S3-006 - Anshu Verma EFFICIENT ELECTRON HEATING IN ECR PLASMA FOR THRUSTER APPLICATION (15min)	TA5-S4-026 - Weizong Wang Title: COMPUTER MODELING OF NANOSECOND PULSED NITROGEN PLASMA BASED NITROGEN FIXATION: SEARCH FOR A BETTER UNDERSTANDING OF THE UNDERLYING MECHANISMS (Invited Talk - 30min)	TA5-S5-009 - Chunli Jiang SYNERGISTIC EFFECTS OF NANOSECOND PULSED PLASMAS AND ELECTRIC FIELDS ON CELLS AND SKINS (Invited Talk - 30min)	TA8-S6-025 - Amit Agrawal SHAPING LIGHT USING DIELECTRIC METASURFACES: FROM DEEP-UV TO THE TERAHERTZ (Invited Talk - 30 min)
TA1-S4-001 - Jon Tomas Gudmundsson THE INFLUENCE OF MAGNETIC FIELD ON THE DEPOSITION RATE AND IONIZED FLUX FRACTION IN HIPMS DISCHARGES (15 min)	TA2-S7-006 - Yang Cao HIGH-POWER MICROWAVE DRIVEN PLASMA WAKEFIELD IN A CYLINDRICAL WAVEGUIDE (15min)		TA4-S6-051 - Fabio Conti GAS PUFF Z-PINCH EXPERIMENTS WITH HE, AR AND KR ON THE CESAR LINEAR TRANSFORMER DRIVER (15min)	TA5-S3-008 - Sungrae Kim THE POWER REDUCTION OF THE AIR BREATHING HALL-EFFECT THRUSTER (15min)	TA5-S4-046 - Steven Shannon Title: THE CHALLENGES OF HIGH ASPECT RATIO ETCHING (Invited Talk - 30min)	TA5-S5-003 - Rajesh Prakash Guragain EFFECT OF ATMOSPHERIC PRESSURE AIR DOD PLASMA ON PHYSIO-CHEMICAL AND MICROBIAL PARAMETERS OF GROUNDWATER AND ITS USE IN AGRICULTURE (15min)	TA8-S6-027 - Abul Azad DYNAMICAL WAVE-FRONT SHAPING AND EXTREME NONRECIPROCALITY 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 Zamchil EFFECT OF RF FIELDS ON ELECTRICAL BREAKDOWNS PRODUCED BY HIGH-VOLTAGE PULSES IN AIR AT AMBIENT CONDITIONS (15min)		TA4-S6-014 - Chong Zhang MODELING OF BERYLLIUM MELT MOTION AND SPLASHING UNDER ITER CONDITIONS (15min)	TA5-S3-014 - John Slough PLASMA MAGNETO-SHELL AEROCAPTURE FOR PLANETARY MANNED AND CARGO MISSIONS (15min)	TA5-S4-056 - Radha Krishna Murthy Bulusu Title: DEGRADATION OF PERFLUOROACETIC ACID (PFOA) IN A NANOSECOND PULSE PLASMA DISCHARGE GAS-LIQUID REACTOR (15min)	TA5-S5-013 - Naoyuki Iwata EFFECT OF RADICAL-ACTIVATED 1-PHENYLAMINE SOLUTION ON SUPPORTED LIPID BILAYER (15min)	TA8-S6-001 - Rong Wang CROP WATER STATUS MONITORING BY TERAHERTZ IMAGING (15min)	
2200 – 2400 Singapore/Beijing 2300 – 0100 (+1) Tokyo 1930 – 2130 Delhi 1500 – 1800 Tel Aviv 1400 – 1600 London 0900 – 1100 Washington DC 0600 – 0800 San Diego (US)	TA1-S4-009 - Jian Chen NUMERICAL STUDIES ON THE NON-EQUILIBRIUM TRANSPORT OF CHARGED PARTICLES IN A CONFINED DECAYING PLASMA: EFFECTS OF THE ION RAREFACTION WAVES (15 min)	TA2-S7-015 - Aatif Iqbal STUDY OF SINGLE AND DUAL FREQUENCY RF DRIVEN MULTIPACTOR ON A DIELECTRIC IN THE FREQUENCY DOMAIN (15min)	TA4-S7-017 - Shuyi Dai 3D SURO MODELING OF BERYLLIUM EROSION AND DEPOSITION ON TUNGSTEN ROUGH SURFACES (15min)	TA5-S3-018 - Kentaro Hara CROSS-FIELD ANOMALOUS ELECTRON TRANSPORT DUE TO MULTIDIMENSIONAL PLASMA INSTABILITIES (15min)	TA5-S4-057 - Peter P. Sun Title: Plasma Oscope: Ex-Vivo Study of disinfection Rat Bardum by Microplasma Jet Array (15min)	TA5-S5-019 - Petr Lukes INVESTIGATION OF OXYGEN CHLORINE CHEMISTRY IN PLASMA TREATED SALINE SOLUTIONS (15min)	TA8-S6-003 - Weihao Zhang INTELLIGENT IDENTIFICATION OF MATERIALS BASED ON INTEGRATION OF TERAHERTZ SPECTROSCOPY AND ARTIFICIAL INTELLIGENCE (15min)	
	TA1-S1-033 - Denis Eremin INFLUENCE OF THE SECONDARY ELECTRON EMISSION ON PLASMA UNIFORMITY IN VHF LOW-PRESSURE CCP DISCHARGES (15 min)	TA2-S7-017 - Stephen Langellotti RESULTS ON THE DESIGN AND TESTING OF A COAXIAL MULTIPACTOR TEST CELL (15min)		TA5-S4-064 - Sayan Biswas Title: NANOSECOND REPETITIVELY PULSED LOW-TEMPERATURE PLASMA IGNITION OF METHANE/AIR (15min)	TA5-S5-036 - Dengke Xi MATERIAL THROUGH PLASMA ELECTROLYSIS (15min)	TA8-S6-006 - Wang Yueying ULTRA-FAST RESONANCE RESPONSE OF CANTILEVERED PROBE IN TDS S-NOM (15min)		

TA1-S1-070 - Haoxuan Wang EXPERIMENTAL STUDIES OF ELECTRON EMISSION AND GAS BREAKDOWN FOR NANOSCALE DIODES AT ATMOSPHERIC PRESSURE (15 min)	TA1-S1-007 - M Campanelli INNOVATIVE OPERATING MODES OF MANY PLASMA DEVICES ENABLED BY THERMIONIC SURFACES WITH INVERSE SHEATHS (15 min)				TA5-S4-054 - Ana Dias Title: PLASMAS: A WAY TO PRODUCE GRAPHENE-BASED HYBRID NANOSTRUCTURES AT INDUSTRIAL SCALE FOR A WIDE RANGE OF APPLICATIONS (15min)	TA5-S5-022 - Sander Bekeschus PLASMA-DERIVED ROS ELIMINATE MELANOMA IN AN IMMUNOGENIC FASHION IN VIVO (15min)	TAB-S6-023 - Payam Rabeii ELECTRO-OPTIC NANO-PHOTONIC DEVICES FOR DETECTION OF ELECTRIC FIELDS FROM DC TO THZ FREQUENCY RANGE (15min)
2 hrs	2hrs	2hrs	1.75hrs	2hrs			2hrs

Time	Poster Session - 4 on Day 4							
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)	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 Okusz Title: IMPACT OF PLASMA TREATMENT ON CHARACTERIZATIONS OF POLYMER COATED WOOL FABRICS	TA7-S4-039 - Travis Bejnes Title: CINCO: PROGRESS ON A COMPACT 5-MA PULSER FOR HEDP	TAB-S7-018 - Ningjie Shi Title: DESIGN AND SIMULATION OF NOVEL HIGH GAIN TRAVELING WAVE TUBE
	TA1-S2-021 - Russell Hooper Title: ALEPH: HIGHLY SCALABLE UNSTRUCTURED PIC-OSMC LOW TEMPERATURE PLASMA CODE	TA2-S5-021 - 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-S3-012 - Juan-Feng Zhu Title: GENERATING ORBITAL ANGULAR MOMENTUM TERAHERTZ RADIATION BASED ON SPOOF SURFACE PLASMON	TA4-S6-047 - Dana Zimmer Title: INVESTIGATION OF CURRENT COUPLING PERFORMANCE IN 2-MACHINE EXPERIMENTS WITH VARYING TRANSMISSION LINE AND LOAD HARDWARE GEOMETRIES	TA5-S4-006 - Sheng-Yi Tang Title: CHARACTERISTICS AND APPLICATIONS OF HIGH-CONCENTRATION OZONE GENERATORS	TA5-S5-042 - Takahiro Enoki Title: INFLUENCE OF PULSED ELECTRIC FIELD ON PHOTOSYNTHESIS OF LEAF LETTUCE	TA7-S4-041 - Nail Tosun Title: ELECTROMAGNETIC LAUNCHER SPEED CONTROL WITH A MULTILEVEL FAST TRIGGERING TIME ALGORITHM (MFFTA)	TAB-S7-030 - Yulia Oparina Title: MECHANISMS OF STABILIZATION AND TERAHERTZ RADIATION FROM SHORT ELECTRON BUNCHES IN TWO-WAVE REGIMES
	TA1-S2-022 - Thomas Jenkins Title: GLOBAL MODEL DEVELOPMENT USING LEAST-SQUARES WEIGHTED RESIDUAL METHODS	TA2-S6-001 - Yogesh Jain Title: A NOVEL TE10 TO TE30 MODE CONVERTER 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 MILD ANKAL DIODE GAP OPTIMIZATION USING THE PULSED-POWER CIRCUIT CODE SCREAMER	TAB-S7-038 - Sahil Jain Title: COLD TEST ANALYSIS OF W-BAND PLANAR INTERACTION STRUCTURE DEVELOPED USING MICRO FABRICATION TECHNIQUES
	TA1-S2-023 - Sergey Averkin Title: 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 NOVEL 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 Title: TAILORING THE MAGNETIC PROPERTIES OF COFEFITA 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 OVERLAP IN TERAHERTZ QUANTUM CASCADE LASERS
	TA1-S2-026 - Rinku Mishra Title: CHARACTERISTIC STUDY OF A PLASMA ANTENNA USING PIC SIMULATION	TA2-S6-003 - 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 PROPERTIES OF NiFe2O4/PVDF COMPOSITES	TA5-S4-017 - Jingling Liu Title: EFFECT OF JET PLASMA ON THE SURFACE MODIFICATION OF COMPOSITE MATERIALS	TA5-S5-052 - Sirli Raud Title: IMPACT OF AMBIENT GAS COMPOSITION OF ARGON PLASMA JET ON PAM COMPOSITION AND CANCER CELL VIABILITY*		TAB-S8-002 - Ziping Li Title: COMPACT TERAHERTZ MULTITEREOTRONIC DUAL-COMB SPECTROSCOPY USING QUANTUM CASCADE LASERS
	TA1-S2-027 - Tugba Piskin Title: THE SIMPLIFIED APPROACHES TO NANOSECOND PULSED DISCHARGE MODELING WITH COMPARISON OF EXPERIMENTAL AND NUMERICAL DATA	TA2-S6-004 - Shrey Thakkar Title: DESIGN AND SIMULATION OF A NOVEL TEM TO TE11 MODE CONVERTER AT 3GHz FOR HPM APPLICATIONS	TA3-S3-023 - Ranajoy Bhattacharya Title: EFFECTS OF HIGH TEMPERATURE BAKEOUT ON GATED SILICON FIELD EMITTER ARRAYS	TA4-S7-008 - Priya Sharma Title: INVESTIGATION OF HELIUM ION INDUCED DAMAGE IN NANOWIRE USING UNL/ICPT DENSE PLASMA FOCUS DEVICE	TA5-S4-031 - Lugman Akasyah Title: PLASMA-BASED SYNTHESIS OF TRITANIUM PENTANITRIDE FOR VISIBLE-LIGHT DRIVEN PHOTOCATALYTIC OVERALL WATER SPLITTING			TAB-S8-005 - Zhonglong Fu Title: TERAHERTZ IMAGING WITH A QUANTUM CASCADE LASER AND A PIXELLESS IMAGING CHIP
	TA1-S2-031 - TIANNING ZHANG Title: Design of Meta-Surface using Machine Learning	TA2-S6-006 - Lauro Paulo Silva Neto Title: IMPROVING THE VOLTAGE MODULATION DEPTH OF RADIOFREQUENCY PRODUCED BY NONLINEAR TRANSMISSION LINES USING A SHOCK WAVE CONFIGURATION		TA4-S7-011 - 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			
	TA1-S2-032 - Viktor Zhebtukhin Title: SIMULATION OF LOW PRESSURE ICRF PLASMA FLOW IN NON-LOCAL APPROXIMATION	TA2-S6-010 - Michael Perkins Title: SUCCESSFUL DEMONSTRATION OF A SHEET BEAM KLYSTRON AT S-BAND		TA4-S7-013 - 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 - Juyoung park Title: IMPROVEMENT OF INDOOR AIR QUALITY BY SURFACE DBD		

Time	Day 5 - 10 December 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)	Plenary 7 - Rodney Mason - TA4-S5-016: COLLISIONLESS SHOCKS, IMPLICIT MOMENTS AND LASER FUSION IMPLSIONS
	Plenary 8 - Deng Jianjun - TA4-S6-012: RECENT PROGRESS OF PULSED-POWER-DRIVEN HIGH ENERGY DENSITY PHYSICS IN CHINA

PARALLEL SESSIONS							
DSM1-TA1.5+TA1.1	DSM2-TA2.7	DSM3-TA2.6	DSM4-TA4.4	DSM5-TA5.4	DSM6-TA5.5	DSM7	DSM8-TA8.7
TA1-S5-014 - Yan Feng Title: INTERACTION OF DUST-ION ACOUSTIC SHOCKS IN QUANTUM DUSTY PLASMA (Invited Talk - 30 min)	TA2-S7-024 - Sudeep Bhattacharjee Title: FOCUSED ION BEAM OPTICS DRIVEN BY SHEATH NONLINEARITY AND WAVE-PLASMA INTERACTION IN RESTRICTED GEOMETRY (Invited Talk - 30min)	TA2-S6-007 - Travis Crawford Title: NONLINEAR PERMEABILITY MEASUREMENTS OF SINGLE AND DUAL INCLUSION COMPOSITES FOR NTL SYSTEMS FROM 1-4GHz (15min)	TA4-S4-004 - Jonathan Wurtele Title: CREATING AND CONTROLLING PLASMA-BASED OPTICAL ELEMENTS (15min)	TA5-S4-063 - Jim Browning Title: COLD ATMOSPHERIC PRESSURE PLASMA ARRAY FOR BIOFILM INACTIVATION (Invited Talk - 30 min)	TA5-S5-010 - Michael Keidar Title: NEW UNDERSTANDING OF HOW COLD ATMOSPHERIC PLASMA TREAT CANCER (Invited Talk - 30min)		TA8-S7-035 - Jagdishwar Singiri Title: HIGH POWER TERAHERTZ SYSTEMS FOR CHARACTERIZING BURNING PLASMAS (Invited Talk - 30 min)
TA1-S5-010 - Michael Murillo Title: MULTI-FIDELITY GAUSSIAN PROCESS REGRESSION FOR RAPID PLASMA PROPERTIES (Invited Talk - 30 min)	TA2-S7-023 - Mirhamed Mirmoazafari Title: SIMULATION AND EXPERIMENTAL VERIFICATION OF MULTIPACTOR IN PARALLEL-PLATE MICROSTRIPLINE STRUCTURE (15min)	TA2-S6-008 - Benedikt Esser Title: A HIGH POWER 2.85 GHz GAN RF SOURCE FOR DIRECT DETECTION OF MULTIPACTOR RESEARCH (15min)	TA4-S4-006 - Chen ZHANG Title: DYNAMICALLY PRE-COMPRESSED HYDROCARBON STUDY ON SG-III PROTOTYPE LASERS (15min)	TA5-S4-066 - Katsushi Suenaga Title: IMPROVEMENT OF AGGREGATION INHIBITION OF NANOPARTICLE DISPERSION BY NON-THERMAL PLASMA IRRADIATION (15min)	TA5-S5-038 - Milad Rasouli Title: MECHANISMS OF SELECTIVE NON-THERMAL PLASMA EFFECTS TOWARDS CANCER AND NORMAL CELLS (15min)		TA8-S7-009 - Yubin Gong Title: THE RADIATION IN ION FOCUSED Beam-Plasma System (Invited Talk - 30 min)
TA1-S5-009 - Lucas Stanek Title: EFFECTIVE PAIR POTENTIALS FOR DENSE PLASMA APPLICATIONS (15 min)	TA2-S7-027 - Chujing Wang Title: SIMULATION OF OH(X) IN THE MICROWAVE PLASMA-ASSISTED IGNITION (15min)	TA2-S6-009 - Andrew Fairbanks Title: TESTING NONLINEAR TRANSMISSION LINES MADE OF NOVEL COMPOSITES (15min)	TA4-S4-007 - Chuansheng Yin Title: STABILIZATION OF THE RAYLEIGH-TAYLOR INSTABILITY IN LASER-DRIVEN QUASI-SENTROPIC COMPRESSION EXPERIMENTS (15min)	TA5-S4-067 - Hideaki Fukuoka Title: OZONE GENERATION USING A TUBE-TO-CYLINDER ELECTRODE FOR NANOSECOND PULSE GENERATOR WITH RAPID RISE TIME (15min)	TA5-S5-039 - Ivana Sremacki Title: ANNULAR SHAPE RF JET IN CONTACT WITH AEROSOL: UV EMISSION CONTROL FOR SAFE BIOMEDICAL APPLICATION (15min)		TA8-S7-001 - Huibo Zhang Title: THE GENERATION OF COHERENT AND TUNABLE TERAHERTZ RADIATION FROM PLASMA MODULATED ELECTRON BEAMS (15min)
TA1-S5-016 - Tahseem Yousef Title: ION IMPLANTATION STUDY OF TUNGSTEN ALLOYS AS PLASMA FACING COMPONENTS (15 min)	TA2-S7-031 - Ying Cao Title: WAKE EXCITATION IN A CYLINDRICAL WAVEGUIDE DRIVEN BY A GIGAWATT SUB-NANOSECOND K-BAND MICROWAVE PULSE (15min)		TA4-S4-020 - Ryan Childers Title: EXPLORING THE FE/NI EMISSION LINE RATIO IN LABORATORY AND ASTROPHYSICAL PLASMAS (15min)	TA5-S4-069 - Sanjana Kerketta Title: OZONE GENERATION EFFICIENCY USING NANOSECOND PULSED PLASMA AT ABOVE ATM PRESSURES (15min)	TA5-S5-040 - Zhibong Chen Title: MICRONEEDLE PATCH-ASSISTED COMBINATION OF COLD ATMOSPHERIC PLASMA AND IMMUNE CHECKPOINT BLOCKADE (15min)		TA8-S7-004 - Yang Liu Title: DEVELOPMENT OF PACKAGED G-BAND POWER AMPLIFIER BASED ON INP HEMT TECHNOLOGY UTILIZING NOVEL DE-EMBEDDING TECHNIQUES (15min)
TA1-S5-017 - Paul Bellan Title: WHY INTERSTELLAR ICE DUST GRAINS SHOULD BE ELONGATED (15 min)	TA2-S7-032 - Talchi Sugai Title: ANALYSIS OF EXPERIMENTAL MULTIPACTOR OBSERVATION SIGNALS USING SPARK3D SOFTWARE (15min)			TA5-S4-072 - Gaurav Nayak Title: RAPID INACTIVATION OF VIRUS AEROSOLS BY DIELECTRIC BARRIER DISCHARGE IN AIR AT ATMOSPHERIC PRESSURE (15min)	TA5-S5-041 - Li Lin Title: MACHINE LEARNING CONTROLLED SELF-ADAPTIVE PLASMA MEDICINE (15min)		TA8-S7-010 - Andrey Arzhantnikov Title: GENERATION OF DIRECTED FLUX OF MEGAWATT THZ RADIATION AS RESULT OF STRONG REB-PLASMA INTERACTION IN PLASMA COLUMN (15min)
TA1-S1-072 - Yao Du Title: MOLECULAR DYNAMIC SIMULATION OF THE EFFECTS OF GLANCING-ANGLE SCATTERINGS ON THE FORMATION OF HIGH ASPECT RATIO FEATURES (15 min)	TA2-S7-033 - Zachary Shaw Title: MULTIPACTOR SUSCEPTIBILITY IN PLANAR MICROWAVE GEOMETRIES (15min)			TA5-S4-074 - Teruaki Mori Title: SUPPRESSION OF ARC TRANSITION IN NANOSECOND PULSED DISCHARGE BASED OZONIZER (15min)	TA5-S5-043 - Mermel Lai Title: IMPACT OF SUBSTRATES ON OH PRODUCTIONS IN A NANOSECOND HELIUM PLASMA JET IMPINGING ON WATER, SALINE OR PIG SKIN (15min)		TA8-S7-014 - Hong Eun Choi Title: THE PERMITTIVITY USING TE01 MODE IN A CYLINDRICAL WAVEGUIDE BEYOND 300GHz FREQUENCY BAND (15min)
TA1-S1-021 - Thomas Orière Title: EXPERIMENTAL STUDY OF NANOSECOND REPETITIVELY PULSED SPARK DISCHARGES IGNITION (15 min)	TA2-S7-035 - Xiaoli Qiu Title: INVESTIGATIONS OF GEOMETRIC MODIFICATIONS AND STATIC MAGNETIC FIELDS ON MULTIPACTOR MITIGATION IN RECTANGULAR WAVEGUIDES (15min)				TA5-S5-044 - Shahriar Mirpour Title: EFFECT OF COLD PLASMA ON DIABETIC FOOT ULCERS: A RANDOMIZED CLINICAL TRIAL (15min)		
2 hrs 15 min	2hrs						1.75hrs

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)

Poster Session - 5 (List of posters is after parallel sessions below)

PARALLEL SESSIONS							
DSN1-TA1.6	DSN2	DSN3	DSN4	DSN5-TA5.4	DSN6-TA5.5	DSN7	DSN8-TA8.8
TA1-S6-012 - Dae Hoon Lee Title: APPLICATION OF PLASMA FOR REFINERY PROCESSES (Invited Talk - 30 min)				TA5-S4-076 - Diakopolo Iroawamen Title: PLASMA-ASSISTED DEGRADATION OF PERFLUOROBUTANE SULFONATE: THE INFLUENCE OF BULK LIQUID MASS TRANSPORT ON PROCESS EFFECTIVENESS (15min)	TA5-S5-045 - Naman Bhatt Title: DEVELOPING A LOW-COST DEPROTEINIZATION PROCESS USING ATMOSPHERIC PRESSURE PLASMAS (15min)		TA8-S8-006 - Taiichi Otsuji Title: TERAHERTZ CURRENT-DRIVEN LASING AND AMPLIFICATION IN GRAPHENE-BASED VDW HETEROSTRUCTURES (Invited Talk - 30min)
TA1-S6-003 - Sivanandan Harihar Title: GAS-PHASE MOLECULAR FORMATION IN ACTINIDE LASER-PRODUCED PLASMAS (Invited Talk - 30 min)				TA5-S4-079 - Yoan Bacqueyrisse Title: MEASUREMENTS OF PRESSURE WAVES GENERATED BY PULSED ELECTRIC DISCHARGES IN WATER (15min)	TA5-S5-046 - Jaroslav Kristof Title: PERMEABILITY OF EPIDERMAL LAYER OF THE SKIN FOR ADENOSINE BY MICROPLASMA AND IONTOPHORESIS (15min)		TA8-S8-009 - Hua Li Title: TERAHERTZ FREQUENCY COMBS AND DUAL-COMB BASED ON QUANTUM CASCADE LASERS (Invited Talk - 30min)
TA1-S6-002 - Ahmad Hamdan Title: POSITIVE VS. NEGATIVE PULSED NANOSECOND AIR PLASMA IN CONTACT WITH WATER (15 min)				TA5-S4-080 - Sagung Dewi Kencana Title: SURFACE TREATMENT FOR SOLDERABILITY ENHANCEMENT ON PRINTED CIRCUIT BOARDS (15min)	TA5-S5-049 - Milad Rasouli Title: HNT AS A BIODEGRADABLE CARRIER POLYMERIZED BY COLD ATMOSPHERIC PRESSURE PLASMA FOR IN VIVO RELEASE OF CARBOPLATIN AND PACLITAXEL (15min)		TA8-S8-010 - Kazuo Fujita Title: LOW-FREQUENCY TERAHERTZ QUANTUM CASCADE LASER BASED ON INTRA-CAVITY NONLINEAR MIXING (Invited Talk - 30min)
2200 – 2400 Singapore/Beijing 2300 – 0100 (+1) Tokyo 1930 – 2130 Delhi 1600 – 1800 Tel Aviv 1400 – 1600 London 0900 – 1100 Washington DC 0600 – 0800 San Diego (US)				TA5-S4-082 - Ferhat Bozduman Title: AN ALTERNATIVE STUDY FOR REDUCING SICKNESS DISEASE BY PERFORMING DENIM BLEACHING WITH ATMOSPHERIC PRESSURE PLASMA METHOD (15min)	TA5-S5-050 - Amanda Loveless Title: A SIMPLIFIED THEORY UNIFYING ELECTROPROBATION AND ACTION POTENTIAL PROPAGATION (15min)		TA8-S8-008 - Yan Xie Title: SELF-MIXING INTERFEROMETRY IN A TERAHERTZ QUANTUM CASCADE LASER WITH EXTERNAL DUAL CAVITY (15min)
TA1-S6-010 - Zhiling Li Title: X-RAY PHOTOELECTRON SPECTROSCOPY STUDY FOR TiO2-LIKE FILMS DEPOSITED BY RF INDUCTIVELY COUPLED PLASMA: EFFECT OF GAS FLUX (15 min)					TA5-S5-053 - Srilil Raud Title: THE INFLUENCE OF O2, N2 OR AIR AMBIENT GASES ON PAM CHEMICAL COMPOSITION PRODUCED BY ARGON RF PLASMA JET* (15min)		

TAI-S6-015 - THAI VAN-PHUOC AC GLOW DISCHARGE ON LIQUIDS: UNIQUE PROPERTIES AND ITS APPLICATION FOR METAL NANOPARTICLE SYNTHESIS (15 min)								
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Time	Poster Session - 5 on Day 5							
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)	TAI-S2-033 - Geonwoo 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.	TAI-S2-001 - Derek Neben Title: A TEST SOURCE FOR THE PRODUCTION OF MILLIMETER-WAVE RF USING THE TWO-STREAM INSTABILITY	TAI-S4-011 - Viktor Zheltukhin Title: STUDYING OF THE INTERACTION BETWEEN LOW PRESSURE RF PLASMA AND ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE	TAI-S7-015 - Rajdeep Singh Rawat Title: DENSE PLASMA FOCUS BASED NANOMATERIAL PROCESSING AND SYNTHESIS	TAS-S4-004 - Zhan Zhao Title: EFFECT OF CIRCUIT AND WIRE PARAMETERS ON MICROSECOND UNDERWATER ELECTRICAL WIRE EXPLOSION WITH THE STORED ENERGY OF TENS OF KILO JOURLE	TAS-S4-077 - Kazuto Ishibashi Title: CHARACTERISTIC EVALUATION OF LAMINAR ATMOSPHERIC PRESSURE PLASMA JET WITH DOUBLE COAXIAL TUBE STRUCTURE BY DIRECTION OF APPLIED ELECTRIC FIELD.		
	TAI-S2-037 - Prem Kiran Patni Title: A ONE DIMENSIONAL NUMERICAL SIMULATION OF LASER PRODUCED AIR PLASMA INTERACTION WITH A METALLIC TARGET	TAI-S7-005 - Jianfeng gao Title: A NOVEL BEAM-WAVE INTERACTION FEEDBACK CIRCUIT FOR THZ RADIATION SOURCE	TAI-S4-012 - Jung Yeol Lee Title: INDEPENDENT VARIABLES TO CONTROL A TIME-VARYING ENERGY DISTRIBUTION OF CHARGED SPECIES IN A CAPACITIVELY COUPLED PLASMA	TAI-S7-019 - Diaoque Liu Title: STUDY ON AN/AP/AL MIXTURE POWDERS IGNITED BY MICROSECOND EXPLODING TUNGSTEN WIRE	TAS-S4-039 - Min-Gyu Choi Title: EFFECT OF PLASMA INPUT POWER AND FEEDING SPEED ON THE SURFACE TEMPERATURES OF STAINLESS STEEL 316L DURING PLASMA ASSISTED MILLING	TAS-S4-083 - Mostafa Elsayed Hassan Title: INVESTIGATION OF OZONE AND HYDROGEN PEROXIDE TRANSPORT INTO WATER AEROSOLS AND BULK LIQUID		
	TAI-S2-042 - Zikari Eckert Title: BENCHMARK VERIFICATION OF THE ALEPH PIC-DSMC PROGRAM	TAI-S7-010 - U WU Title: EXPERIMENTAL INVESTIGATION OF MICROWAVE FREQUENCY EFFECTS ON THE DISCHARGE PROPERTIES IN AN ATMOSPHERIC-PRESSURE COAXIAL PLASMA JET	TAI-S4-015 - Askar Davletov Title: IONIZATION POTENTIAL DEPRESSION IN PARTIALLY IONIZED HYDROGEN	TAI-S6-004 - Hyun Gyu Lee Title: COMPUTATIONAL MODELLING OF RONS GENERATION AND ITS ENHANCEMENT BY UV PHOTOLYSIS IN PLASMA-LIQUID SYSTEM	TAS-S4-049 - Noriyuki Saito Title: FLOATING REACTOR TO STABILIZE ION ENERGIES IN PLASMA DOPING	TAI-S5-004 - Lucas Slanek Title: HYBRID QUANTUM-HYDRODYNAMICS/MOLECULAR DYNAMICS FOR ULTRACOLD NEUTRAL PLASMAS		
	TAI-S2-047 - Peter Stoltz Title: A NEW ALGORITHM FOR SPACE CHARGE LIMITED FLOW	TAI-S7-018 - Shen Shou Max Chung Title: SIMULATION STUDY ON REDUCING AIRCRAFT ENGINE FRONT RADAR CROSS SECTION WITH ATMOSPHERIC PRESSURE PLASMA GENERATED BY DIELECTRIC BARRIER DISCHARGE	TAI-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 GALLIUM OXIDE-BASED FLEXIBLE DUV PHOTODETECTOR	TAS-S4-050 - Amnon Fruchtman Title: MASS SEPARATION BY OSCILLATING ELECTROMAGNETIC FIELDS	TAI-S5-008 - SUNIDHI SINGLA Title: INTERACTION OF DUST-ION ACOUSTIC SHOCKS IN QUANTUM DUSTY PLASMA		
	TAI-S2-049 - Dhartree Dutta Title: PARTICLE-IN-CELL SIMULATION OF A CURRENT FREE DOUBLE LAYER	TAI-S7-019 - Patrick Wong Title: MULTIPLIER EFFECTS ON SIGNAL QUALITY IN TRANSMISSION LINES EVEN BY DIGITALLY MODULATED SIGNALS	TAI-S4-010 - Yaoting Wang Title: COMPARISON AND ANALYSIS OF FLUID METHOD AND PIC METHOD FOR THE CHARGED PARTICLE TRANSPORT PROCESSES UNDER AN EXTERNALLY APPLIED ELECTROSTATIC FIELD	TAI-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	TAI-S5-015 - Askar Davletov Title: LOW FREQUENCY WAVES IN STRONGLY COUPLED DUSTY PLASMAS: QUASI-LOCALIZED CHARGE APPROXIMATION VERSUS SELF-CONSISTENT METHOD OF MOMENTS		
	TAI-S2-054 - David Rose Title: NEW ALGORITHM DEVELOPMENTS AND ADVANCED APPLICATIONS OF THE CHICAGO HYBRID PARTICLE-IN-CELL CODE	TAI-S7-021 - Nikita Gurjar Title: ANALYSIS OF PLASMA ASSISTED W-BAND INTERACTION STRUCTURE			TAS-S4-065 - JISEOK OCK Title: DECOMPOSITION OF THE BIS(2-HYDROXYETHYL) TEREPHTHALATE (BHET) BY ATMOSPHERIC NONTHERMAL PLASMA	TAI-S6-004 - Hyun Gyu Lee Title: COMPUTATIONAL MODELLING OF RONS GENERATION AND ITS ENHANCEMENT BY UV PHOTOLYSIS IN PLASMA-LIQUID SYSTEM		
	TAI-S2-003 - Suresh Basnet Title: EFFECT OF PRESHEATH ELECTRON TEMPERATURE ON MAGNETIZED PLASMA-WALL TRANSITION AND WALL SPUTTERING BY PLASMA HAVING TWO SPECIES OF POSITIVE IONS	TAI-S7-034 - Kieran Wilson Title: DEVELOPMENT OF A PLASMA EXPERIMENT AND MICROWAVE SOURCES FOR FOR WAVE-PLASMA INTERACTION EXPERIMENTS			TAS-S4-071 - Wen Liu Title: DEVELOPMENT OF A NEW LIGHTNING PROTECTION DEVICE WITH A PSEUDOSPARK SWITCH AND SERIES ZINC OXIDE VARISTOR	TAI-S6-005 - Jinhong Kim Title: MICROPLASMA-DRIVEN ATOMIC LAYER DEPOSITION OF ALUMINUM OXIDE ETCH-FREE PATTERNING, AND GALLIUM OXIDE-BASED FLEXIBLE DUV PHOTODETECTOR		
	TAI-S3-016 - Rupinder Kaur Title: PROPAGATION OF ION-ACOUSTIC SHOCK WAVES IN MAGNETIZED DENSE QUANTUM PLASMAS	TAI-S7-036 - Pratik Ghosh Title: MODELLING AND SIMULATION OF GAS HEATING MECHANISM DURING HIGH POWER MILLIMETER WAVE BREAKDOWN IN AIR			TAS-S4-075 - Rikuo Iwasaki Title: NITRIC OXIDE REMOVAL USING NANSECOND PULSED POWER GENERATOR EMPLOYING A PEAKING GAP SWITCH	TAI-S6-006 - Seunghwan Bang Title: GLYCEROL REFORMING IN AN AQUEOUS DISCHARGE REFORMER		
	TAI-S3-022 - Ling-Hsiao Lyu Title: GENERATION AND EXPANSION OF WHISTLER CHORUS WAVES IN THE EARTH'S MAGNETOSPHERE	TAI-S7-037 - Bengt Eliasson Title: ELECTRON CYCLOTRON EMISSIONS FROM MIRROR TRAPPED PLASMA: OBSERVATIONS AND MODELLING RESULTS			TAS-S4-048 - Lufti Oksuz Title: PLASMA DISCHARGE IN WASTEWATER	TAI-S6-008 - Bahram Mahdavi Title: PLASMA CHEMISTRY SIMULATION OF A PLANAR DIELECTRIC BARRIER DISCHARGE IN AIR		