

A (Applied)				2021.07.04 AAPPS-DPP	
No	Name	Affiliation	Title	P, TP, I	Subcategory
1	Qiang Chen	Beijing Institute of Graphic Communication	Barrier coating deposition with plasma	Plenary	4. A (Applied)
2	Christine Charles	Space Plasma, Power and Propulsion Laboratory, Research School of Physics, The Australian National University	Plasmas: from solar to cellular	Plenary	4. A (Applied)
3	Alexander Fridman	Drexel University, Nyheim Plasma Institute	Novel Atmospheric Pressure Non-Equilibrium Discharges: Plasma Physics, Scaling Up, and Applications for Material Treatment, Agriculture, Food Processing, and Biomedicine.	Plenary	4. A (Applied)
4	Rajdeep Singh Rawat	Nanyang Technological University, Singapore	Plasma nanotechnology: Novel tool for high performance energy electrode materials	Plenary	4. A (Applied)
5	Seiji Samukawa	Tohoku University	Surface wettability control of nanopillar array structures fabricated by bio-template ultimate top-down processes	Topical Plenary	4. A (Applied)
6	Tao Shao	Institute of Electrical Engineering, Chinese Academy of Sciences	Repetitively Nanosecond-pulsed Discharges: Non-thermal Plasma Generation and Energy Conversion	Topical Plenary	4. A (Applied)
7	Kenji Ishikawa	Nagoya University	Low-temperature plasma-activated solutions and their metabolic modification	Topical Plenary	4. A (Applied)
8	HaiXing wang	Beihang University	Experimental and numerical studies on the restrike mode of a DC arc anode attachment	Invited	4. A (Applied)
9	Nikolay Britun	Center for Low-temperature Plasma Sciences, Nagoya University	Towards lower energy efficiency of NO production in atmospheric air discharges	Invited	4. A (Applied)
10	Qing Xiong	Chongqing University	Quantitative diagnostics of atomic O and O ₃ molecules in O ₂ mixed non-thermal plasmas	Invited	4. A (Applied)
11	Emilio Martines	Consorzio RFX, Padova	Plasmas for disinfection and healing: an investigation of the underlying mechanisms	Invited	4. A (Applied)
12	Bryony Ashford	CSIRO	Plasma catalytic production of ammonia: An exploration of reaction mechanisms and process optimization	Invited	4. A (Applied)
13	YuRu Zhang	Dalian University of Technology	Improvement of the radial uniformity in pulsed inductively coupled plasmas	Invited	4. A (Applied)
14	Quan-Zhi Zhang	Dalian University of Technology	Resonant sheath heating in magnetized Capacitively Coupled Plasmas	Invited	4. A (Applied)
15	Keiichiro Urabe	Department of Aeronautics and Astronautics, Kyoto University	Characterization and control of boron nitride film deposition by a reactive plasma - assisted coating	Invited	4. A (Applied)
16	Manabu Tanaka	Department of Chemical Engineering, Faculty of Engineering, Kyushu University	Planar thermal plasma jet in diode-rectified AC arc system under atmospheric pressure	Invited	4. A (Applied)
17	Nozomi Takeuchi	Department of Electrical and Electronic Engineering, Tokyo Institute of Technology	Development of plasma-based water treatment technologies based on the analyses of reaction fields by numerical simulations	Invited	4. A (Applied)
18	Satoshi Uchida	Department of Electrical Engineering and Computer Science, Tokyo Metropolitan University	Numerical Modeling of Transport Properties of Reactive Oxygen and Nitrogen Species in Biological Membrane under Electric Field	Invited	4. A (Applied)
19	Julian Schulze	Department of Electrical Engineering, Ruhr-University Bochum	Knowledge based process control in technological high frequency plasmas by Voltage Waveform Tailoring	Invited	4. A (Applied)
20	Haruka Suzuki	Department of Electronics, Nagoya University	Time-resolved measurement of charge density at the bottom of high-aspect-ratio holes in a pulsed capacitively coupled plasma	Invited	4. A (Applied)
21	Nilesh Vasa	Department of Engineering Design, Indian Institute of Technology Madras	Carbon and flyash analyses of pulverized coal using laser-induced breakdown spectroscopy	Invited	4. A (Applied)
22	Sudeep Bhattacharjee	Department of Physics, Indian Institute of Technology (IIT) Kanpur	Plasma potential fluctuations and strong magnetic field effects on cold atmospheric pressure micro-plasma jets	Invited	4. A (Applied)
23	Dr. Deepak Prasad Subedi	Dept. of Physics, School of Science, Kathmandu University, Nepal	Surface Modification of Polypropylene (PP) by Atmospheric pressure Dielectric Barrier Discharge (APDBD) in air/argon	Invited	4. A (Applied)
24	Yang Wei	Donghua University	Analytical model for vibrational distribution function of hydrogen molecules in a volume production negative hydrogen ion source	Invited	4. A (Applied)
25	Riaz Ahmad	GC University LAhore	Ions implantation on the ZnO thin films deposited by magnetron sputtering system	Invited	4. A (Applied)
26	Tsuyohito Ito	Graduate School of Frontier Sciences, The University of Tokyo	Particles synthesis via atmospheric-pressure plasma with solution microdroplets	Invited	4. A (Applied)
27	Zilan Xiong	Huazhong University of Science and Technology	Study on Operation Mode Transformation and Intelligent Diagnosis of cold atmospheric plasmas (CAPs) and Their Applications in Bio-medicine and Green Agriculture	Invited	4. A (Applied)
28	Bangdou Huang	Institute of Electrical Engineering, Chinese Academy of Sciences	Memory effect in repetitively nanosecond pulsed discharges: contribution of both volume and surface charges	Invited	4. A (Applied)
29	Tamiko Ohshima	Institute of Technology, Sasebo College	Thin film formation and phenomenon of sputtering by using powder target	Invited	4. A (Applied)
30	Kenichiro Terasaka	Interdisciplinary Graduate School of Engineering Sciences, Kyushu University	Laser-induced fluorescence spectroscopy with optical vortex beam in a partially ionized plasma	Invited	4. A (Applied)
31	Jun-Ho seo	Jeonbuk National University	Plasma assisted mechanical cutting for decommissioning of nuclear facilities	Invited	4. A (Applied)
32	Se Youn Moon	Jeonbuk National University, Korea	Large-area TiO ₂ thin film deposition using an open-air hybrid CVD/plasma method	Invited	4. A (Applied)
33	Sanghoon Park	Korea Institute of Fusion Energy	Stabilizing Effect of Impinging Plasma Jet on the Water Surface	Invited	4. A (Applied)
34	Feng Liang	Kunming University of Science and Technology	Investigation of the growth mechanism of carbon nanomaterials by arc discharge and their applications in Na-CO ₂ batteries	Invited	4. A (Applied)

35	Naho Itagaki	Kyushu University	Sputter epitaxy of ZnO based oxide/oxy-nitride semiconductors for excitonic transistors	Invited	4. A (Applied)
36	Kunihiro Kamataki	Kyushu University	Measurements of 2D electric field in plasma using a fine particle trapped with laser tweezers	Invited	4. A (Applied)
37	Takayuki Watanabe	Kyushu University	Decomposition of Organic Waste by DC Water Thermal Plasmas	Invited	4. A (Applied)
38	Takayuki Ohta	Meijo University, Japan	Behavior of nitrogen species in TiN-HiPIMS	Invited	4. A (Applied)
39	Akira Kuwahara	Nagoya University	Novel isotope analysis method using a supersonic plasma jet combined with diode laser absorption spectroscopy	Invited	4. A (Applied)
40	Kuniko Urashima	National Institute of Science and Technology Policy	Contribution of Plasma Technology for SDGs and Circular Economy	Invited	4. A (Applied)
41	Chang Tsun-Hsu	National Tsing Hua University	Frequency-Tunable Gyrotron with Broad Bandwidth at Terahertz Regime	Invited	4. A (Applied)
42	Susumu Toko	Osaka University	Roles of plasma and catalyst in methanation of CO ₂ using plasma catalysis	Invited	4. A (Applied)
43	Tetsuji Shimizu	Research Institute for Advanced Electronics and Photonics, National Institute of Advanced Industrial Science and Technology	Flow formation in gas and liquid phase by cold atmospheric plasmas	Invited	4. A (Applied)
44	Tianyuan Huang	Soochow University	Fast preparation of functional films by helicon-wave-excited plasma source	Invited	4. A (Applied)
45	Masaya Shigeta	Tohoku University	Modelling and Simulation of Turbulent Thermal Plasma Flows for Nanoparticle Mass Fabrication	Invited	4. A (Applied)
46	Hiroshi Katsurayama	Tottori University	Laser Thomson Scattering Measurement around Magnetized Body in Rarefied Arc-Heated Flow	Invited	4. A (Applied)
47	Meghraj Sengupta	University of Saskatchewan	Effects of electric field and neutral pressure on rotating spokes in partially magnetized ExB plasma	Invited	4. A (Applied)
48	Behnam Akhavan	University of Sydney	Ion-assisted plasma polymerization: Surface engineering of biomimetic interfaces	Invited	4. A (Applied)
49	Magdaleno Jr Vasquez	University of the Philippines Diliman	Plasma-induced reduction of impregnated silver ions on support matrices	Invited	4. A (Applied)
50	Amar Prasad Misra	Visva Bharati	Optical Dyakonov surface plasmons at a metal-crystal interface	Invited	4. A (Applied)
51	Anbang Sun	Xi'an Jiaotong University	On the characteristics of streamers interacting with ionized plasma patches or dielectrics	Invited	4. A (Applied)
52	Monica Magureanu	National Institute for Lasers, Plasma and Radiation Physics (NILPRP)	Plasma degradation of water contaminants – focus on antibiotics	Invited	4. A (Applied)
53	Tsanko Vaskov Tsankov	Institute for Plasma and Atomic Physics, Ruhr University Bochum	Sputter yields and plasma homogeneity in high-frequency low-pressure discharges	Invited	4. A (Applied)
54	Kosuke Takenaka	JWRI, Osaka University	Plasma-assisted reactive processes for low-temperature formation of functional materials	Invited	4. A (Applied)
55	Fumiaki Mitsugi	Faculty of Advanced Science and Technology, Kumamoto University	Optical wave microphone measurements for plasma application	Invited	4. A (Applied)
56	Toshiaki Kato	Department of Electronic Engineering, Tohoku University	Plasma Synthesis of Highly-Integrated Graphene Nanoribbons and its Advanced Applications	Invited	4. A (Applied)
57	Ta-Chin Wei	Chung Yuan Christian University	Super-amphiphobic Teflon-like Nano-wall Films Deposited by Microwave Plasma	Invited	4. A (Applied)
58	Vida Mildažienė	Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania	Effects of seed treatment with cold plasma, vacuum and electromagnetic field on growth and production of secondary metabolites of industrial hemp.	Invited	4. A (Applied)
59	Michael Kong	Center of Bioelectronics, Old Dominion University, Virginia, USA	Plasma-activated hydrogel system for skin diseases: the case of Vitiligo	Invited	4. A (Applied)
60	Endre Szili	Future Industries Institute, University of South Australia	Plasma jet activation of acetyl donors for decontamination of pathogens	Invited	4. A (Applied)
61	Davide Mariotti	Ulster University	Disruptive metal oxide nanocrystals by atmospheric pressure microplasmas	Invited	4. A (Applied)
62	Uwe Konopka	Auburn University	COMPACT, The next generation COMplex PLASMA fACility proposed for operation aboard the ISS	Invited	4. A (Applied)
63	SATADAL Das	INSTITUTE FOR PLASMA RESEARCH	Equilibrium properties of a magnetized plasma behind an insulating obstacle	Invited	F->Applied
64	Remi Dussart	university of Orleans	Physical mechanisms involved in silicon based plasma microreactors operating in DC	Invited	L-> Applied