

# ICOPS 2021

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<b>Sessions</b>		
<b>1.0 Basic Processes in Fully/Partially Ionized Plasmas</b>	<b>Earl Scime (WVU)</b>	<b>earl.scime@mail.wvu.edu</b>
1.1 Basic Phenomena	Earl Scime (WVU)	
1.2 Computational Plasma Physics	David Stark (LLNL)	
1.3 Space Plasmas	Piyush Mehta (WVU)	
1.4 Partially ionized Plasmas	David Ruzic (U Illinois)	
1.5 Dusty & Strongly Coupled Plasmas	Truell Hyde (Baylor)	
1.6 Plasma Chemistry	Andrey Y. Starikovskiy (Princeton)	
<b>2.0 Microwave Generation and Plasma Interactions</b>	<b>Colin Whyte (Univ of Strathclyde)</b>	
2.1 Intense Beam Microwave Generation	John Luginsland (Confluent Sciences)	
2.2 Fast-Wave Devices	Lawrence Ives (Calabazas)	
2.3 Slow-Wave Devices	Ron Gilgenbach (Univ Michigan)	
2.4 Vacuum Microelectronics & THz Devices	Chao-Hai Du (Peking University)	
2.5 Codes and Modeling	John Petillo (SAI)	
2.6 Non-Fusion Microwave Systems	John Mankowski - Texas Tech	
2.7 Microwave Plasma Interaction	Bengt Eliasson (Univ Strathclyde)	
2.8 THz Sources, Radiation, & Applications	Ivan Konoplev (Univ Oxford)	
<b>3.0 Charged Particle Beams and Sources</b>	<b>Jacob Zier (NRL)</b>	
3.1 Plasma, Ion, and Electron Sources	Stuart Jackson (NRL)	
3.2 Intense Electron Ion Beams	Aled Jones (AWE)	
<b>4.0 High Energy Density Plasmas and Applications</b>	<b>Mingsheng Wei (Rochester)</b>	<b>mingsheng@lle.rochester.edu</b>
4.1 Fusion - Inertial, Magnetic & Alternate Concepts	Debbie Callahan (LLNL)	
4.2 Particle Acceleration with Lasers and Beams	Stuart Mangles (Imperial College London)	
4.3 Matter Under Extreme Conditions	Arianna Gleason-Holbrook (SLAC/Stanford)	
4.4 Laser Produced Plasmas	Max Karasik (NRL)	
4.5 Fast Z Pinches	Ryan McBride (Univ of Michigan)	
4.6 Astrophysical Plasmas	Stephanie Hansen (SNL)	
4.7 Plasma Material Interactions	Sebastijan Brezinsek (Max-Planck Institut für Plasmaphysik)	
<b>5.0 Industrial/Commercial/Medical Plasma Applications</b>	<b>Xinpei Lu</b>	<b>luxinpei@hust.edu.cn</b>
5.1 Nonequilibrium Plasma Applications	Mounir Laroussi, Old Dominion University, USA	
5.2 High-Pressure and Thermal Plasma Processing	Juergen Kolb, INP Greifswald, Germany	
5.3 Plasma Thrusters	Michael Keidar, George Washington University, USA	
5.4 Environmental and Industrial Applications	Chunqi Jiang, Old Dominion University, USA	
5.5 Medical and Biological Applications	DaWei Liu, HuaZhong University of Science and Technology, China	
<b>6.0 Plasma Diagnostics</b>	<b>Marilyn Schneider (LLNL)</b>	<b>schneider5@llnl.gov</b>
6.1 Optical and X-ray Diagnostics	Lan Gao (PPPL)	
6.2 Microwave and FIR Diagnostics	Michael Van Zeeland (General Atomics)	
6.3 Particle Diagnostics	Alistair Moore (LLNL)	
<b>7.0 Pulsed Power and Other Plasma Applications</b>	<b>George Laity (SNL)</b>	<b>grlaity@sandia.gov</b>
7.1 Insulation and Dielectric Breakdown	Andrew Fierro (University of New Mexico)	
7.2 Switching	Sean Simpson (Sandia National Laboratories)	
7.3 Generators	Victor Kantsyrev (University of Nevada, Reno)	
7.4 Compact Pulsed Power and Applications	Jacob Stephens (Texas Tech University)	