CERF Posters and Presenters

			Session		
	First	Last	Time	Title	Poster Title
1	Nicole	Tchorowski	8:30 AM	Radar, Navigation and Sensing	Situational Awareness Using GNSS Adaptive Antennas
2	Justin	Kuric	8:30 AM	Radar, Navigation and Sensing	Adaptive Antenna Electronics for All GNSS Receivers
3	Matt	Buchanan	8:30 AM	Radar, Navigation and Sensing	Investigation of Advanced Spaceborne GNSS-R Techniques Using the SMAP Satellite
4	Eric	Loria	8:30 AM	Radar, Navigation and Sensing	Development of a Next Generation GNSS Bistatic Radar Receiver
5	Landon	Garry	8:30 AM	Radar, Navigation and Sensing	Passive I-SAR: Framework and Experimental Trials
6	Jaimie	Huang	8:30 AM	Radar, Navigation and Sensing	Passive radar localization experiments
7	Adam	Mitchell	8:30 AM	Radar, Navigation and Sensing	Fully Adaptive Radar: Modeling & Simulation
8	Graeme	Smith	8:30 AM	Radar, Navigation and Sensing	Utilization of Terrestrial Navigation Signals for Passive Radar
9	Christa	McKelvey	8:30 AM	Radar, Navigation and Sensing	CubeSat Radiometer RFI Technology Validation
10	Mark	Andrews	8:30 AM	Radar, Navigation and Sensing	The Ultra-Wideband Software Defined Radiometer (UWBRAD) for Internal Ice Sheet Sensing: Recent Results and Campaign Planning
11	Shanka	Wijesundara	8:30 AM	Radar, Navigation and Sensing	An Analysis of SMAP L-band radar measurements of the costal ocean at 1 km resolution
12	Jeonghwan	Park	8:30 AM	Radar, Navigation and Sensing	Rapid revisit measurements of sea surface winds using CYGNSS
13	Ahmed	Balakhder	10:15 AM	EM Algorithms and Measurements	A physics-based model for the amplitude distribution of bistatic sea clutter
14	Dong-Yeop	Na	10:15 AM	EM Algorithms and Measurements	Numerical Analysis of Microwave Vacuum Electronic Devices Using Electromagnetic Particle-in-Cell Algorithm on Irregular Grids
15	Rafiul	Rasel	10:15 AM	EM Algorithms and Measurements	Real-Time Capacitance Tomography of Multiphase Flows Exploiting the Maxwell-Wagner-Sillars Effect
16	Carlos	Viteri	10:15 AM	EM Algorithms and Measurements	Beam Selection in Multiuser Millimeter-Wave Systems with Subarray User Terminal Architectures
17	Cagdas	Gunes	10:15 AM	EM Algorithms and Measurements	Displacement-Current Phase Tomography (DCPT) For Velocity Profiling of Multiphase Flows
18	Qi	Wang	10:15 AM	EM Algorithms and Measurements	Range-Dependent Evaporation Duct Height Estimation froma Versatile Ship-Mounted X-band Receiving Array
19	Swagato	Mukherjee	10:15 AM	EM Algorithms and Measurements	Scintillation Measurements Using Drone
20	Matthew	LaRue	1:30 PM	RF Circuits and Optics	A Four-Way Outphasing Transmitter
21	Shane	Smith	1:30 PM	RF Circuits and Optics	Environmental Test Chamber to Enhance Testing Capabilities at the ElectroScience Lab
22	Behnam	Ghassemiparvin	1:30 PM	RF Circuits and Optics	Novel Paraffin-based 100-GHz Variable Capacitors for Reconfigurable RF Microsystems

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23	Ron	Reano	1:30 PM	RF Circuits and Optics	Automated wafer scale test and measurement of silicon photonic integrated circuits
24	Ahmed	Naquib	1:30 PM	RF Circuits and Optics	High Speed Wide bandwidth Multi Mode Arbitrary Waveform Generator (AWG)
25	Moataz	Abdelfattah	1:30 PM	RF Circuits and Optics	Switched-Capacitor DC-DC Converters for Near-Threshold Design
26	Ramy	Tantawy	1:30 PM	RF Circuits and Optics	High-speed, High-resolution Analog-to-digital Converter for STAR and Software Defined Radios
27	Asimina	Kiourti	3:15 PM	Antenna Design	Wireless Fully-Passive Brain Implants for Unobtrusive Neuropotential Monitoring
28	Asimina	Kiourti	3:15 PM	Antenna Design	E-Textiles for Flexible Antennas and Sensors
29	Elias	Alwan	3:15 PM	Antenna Design	A Wideband Tightly Coupled Dipole Array with Novel Differential Feeding Network
30	Niru	Nahar	3:15 PM	Antenna Design	Millimeter wave Phased Array with Integrated MEMS Phase Shifters
31	Matt	Barr	3:15 PM	Antenna Design	Passive Radar Array Antenna Design
32	Brock	Delong	3:15 PM	Antenna Design	A 3x3 Rectenna Array for Wireless Powering of In-Home and In-Building IoTApplications
33	Cody	O'Connor	3:15 PM	Antenna Design	Scalable Power Generation for Wearable Electronics Using Fabric Electrochemistry