

Time	June 10 - Sunday	June 11, 2018 - Monday	June 12, 2018 - Tuesday			
8:30 AM	Arrival of Attendees	Welcome Address by Dr. Sam Kassegne (SDSU) – Conference Co-Organizer	Welcome Address & Invited Talk by Dr. Juan Terrazas (CETYS, Mexico) – <i>Design and Innovation in Baja California: The CEID Role</i>			
8:40 AM		Invited Talk by Dr. Marc Madou (UCI) – <i>Control of Shape, Microstructure and Doping in C-MEMS</i>				
9:05 AM		Invited Talk by Dr. Jan G. Korvink (Karlsruhe, Germany) – <i>Progress on Carbon MEMS for Applications – Magnetic Carbon, Carbon AFM Tips, and Carbon MRI Scaffolds for Neuronal Stem Cells</i>		Invited Talk by Dr. Stephan Sylvest Keller (DTU, Denmark) – <i>Intelligent Scaffolds for Electrochemical Monitoring of Cell Cultures</i>		
9:30 AM 10:45 AM		<p>Session 1 – Room: Templo Mayor</p> Invited Talk by Dr. Dalibor Hodko (NexoGen) – <i>Low Cost Carbon Electronic Arrays for Rapid Point-of-Care Molecular Diagnostics</i> Dr. Özdal Boyraz (UCI) – <i>Infrared Detections using Nanowires</i> Dr. Maziar Ghazinejad (CSU-F) – <i>Graphitizing the Non-Graphitizable: Stress-Induced Routes to Graphitic Carbon</i> Dr. Flavia Vitale (U Penn) – <i>Engineering Graphene Optoelectronic Interfaces for Illuminating the Dynamics of Epileptic Networks</i>		<p>Session 1 – Room: Templo Mayor</p> Invited Talk by Dr. Chunlei Wang (FIU) – <i>Recent Progress on C-MEMS Based Biosensors</i> Professor Tiefu Li (Tsingua University, China) – <i>Reducing Energy Dissipation and Surface Effect of Diamond Nanoelectromechanical Resonators by Annealing in Oxygen Ambient</i> Dr. Elisa Castagnola (SDSU) – <i>Glassy Carbon Multi-Modal Neural Probes</i>		
10:45 AM 11:15 AM		Coffee Break – Goldberg Courtyard		Coffee Break – 3rd Floor Terrace		
11:15 AM 12:30 PM		<p>Session 2 – Room: Templo Mayor</p> Invited Talk by Dr. Rodrigo Martinez-Duarte (Clemson) – <i>Towards the Multi-Scale Manufacturing of Carbonaceous Materials using Bacteria and Origami</i> Invited Talk by Dr. Todd Coleman (UCSD) – <i>Novel Approaches to Integrate Soft, Organic Materials with Semiconductor Components for Physiologic Monitoring Applications</i> Dr. Lorenzo Mangolini (UCR) – <i>Non-Thermal Plasma Synthesis of Functional Nanomaterials</i>		Trip to Calexico/Mexicali Leaving at 11:00 AM Arrive at Calexico at 1:00 PM.		
12:30 PM 1:30 PM		Lunch		Lunch in Mexicali		
1:30 PM 2:45 PM		<p>Session 3 - Room: Templo Mayor</p> Dr. Meiyong Liao (NIMS, Japan) - <i>Single Crystal Diamond MEMS: Concept, Fabrication and Applications</i> Dr. Stefano Spagna (Quantum Design) – <i>Integration of AFM with SEM (AFSEM) for MEMS Characterizations</i> Quang Long Nguyen (DTU) – <i>Pyrolytic Carbon for Resonator Sensors</i> Dr. Georgio Nava (UCR) – <i>Synthesis of Carbon-Based Nanocomposites via CVD and Non-Thermal Plasmas</i>		<p>Session 2 at CETYS 2:15 PM – 3:30 PM</p> Dr. Stephan Sylvest Keller (DTU) – Invited Talk 2 - <i>Intelligent Scaffolds</i> Dr. Rodrigo Martinez-Duarte (Clemson) – Invited Talk 2 Dr. Marc Madou (UCI) – Invited Talk 2 - <i>Control of Shape, Microstructure and Doping in C-MEMS</i> Dr. Elisa Castagnola - <i>Glassy Carbon Multi-Modal Neural Probes</i>		

2:45 PM 3:30 PM	Reception and Welcome	Poster Session & Coffee Break - 3rd Floor Terrace	Coffee Break & Poster Session (4:00 PM – 4:30 PM)
3:30 PM 4:30 PM	(Cocktail & Music) Pappalecco (HILLCREST) 3650 5th Avenue San Diego, CA 92103	Session 4 - Room: Templo Mayor Dr. Chandra S. Sharma - <i>Hierarchical Carbon-MEMS: An Integrated Platform for Energy Storage</i> Noah Goshi (UC Davis) – <i>Origami-Based CMEMS Neural Probes</i> Surabhi Nimbalkar (SDSU) – <i>Carbon MEMS Probes under MRI</i> Dr. Hamza Rouabah (University of Southampton) - <i>Fluid Flow Manipulation using C-MEMS Technology</i>	
5:00 PM 7:00 PM	(6PM – 9PM)	Dinner – EIS Quad	Conference Ends at 5:00 PM