

Wednesday, March 14, 2018

AM Session	Plenary & Keynote: Device Design Roadmap Session Chair: Shuvo Roy, PhD Professor <i>University of California, San Francisco</i>	PM Session	Additive Manufacturing in Medical Devices Session Chair: David Havrilla Manager TRUMPF
Time	Pacific Suites	Time	Pacific Suites
8:45 am	Welcome & Introduction Shuvo Roy, PhD Professor <i>University of California, San Francisco</i>	2:30 pm	Jerry Lorengo Group Director <i>USPTO – Medical Instruments, Diagnostics Equipment, and Treatment Devices</i>
9:00 am	Pediatric Device Development in the Real World Michael Harrison, MD Professor <i>University of California, San Francisco</i>	3:15 pm	AM Processes in Medical Shannon VanDeren <i>Layered Manufacturing and Consulting</i>
9:30 am	Finding Clinical Needs in the Hospital from A Clinicians Perspective Gwen Fischer, MD Associate Professor <i>University of Minnesota</i>	3:45 pm	Overview - LMF & LMD In Medical Franzi Maschowski TRUMPF
10:00 am	Device Innovations for Never Events Hanmin Lee, MD Professor <i>University of California, San Francisco</i>		
10:30 am	Bionics for a Better Quality of Life Homayoon Kazerooni, PhD Professor <i>University of California, Berkeley</i>	4:15 pm	Break
11:00 am	Break		
11:30 am	Lamprey: An Atraumatic Grasper for Laparoscopic Surgery Insoo Suh, MD, Chethan Eleswarpu, Romain Roux, Isabelle Chumfong, Sachin Rangarajan <i>University of California, San Francisco</i>	4:45 pm	Powder Advancements & Powders In Medical Nathan Kistler <i>LPW Technology</i>
12:00 pm	Bioimpedance Sensing for Rejecting Detection and Long-Term Monitoring After Cardiac Transplantation Georg Wieselthaler, MD Professor <i>University of California, San Francisco</i>	5:15 pm	Latest Research in Bio-Printing Lester Smith, PhD <i>Indiana University-Purdue University Indianapolis/Indiana University School of Medicine</i>
12:30 pm	Sentinel Bandage: Monitoring Skin with Impedance Mapping David Young, MD Professor <i>University of California, San Francisco</i>		
1:00 pm	Q&A – Panel Discussion	5:45 pm	Reception Sponsored by: 
1:30 pm	Session Adjourned & Lunch	8:00 pm	Adjournment

Thursday, March 15, 2018

AM Session	<p>Advances in Devices Session Co-Chairs: Chris Scorzelli, MD Regional Scientific Specialist <i>Origin, LLC</i> Gwen Fischer, MD Associate Professor <i>University of Minnesota</i></p>	PM Session	<p>Processes for Device Manufacturing Session Chair: David Krattley Manager <i>IPG Photonics</i></p>
Time	Pacific Suites	Time	Pacific Suites
9:00 am	<p>Applications of Bioskills Laboratory Practices in Development of Complex Medical Devices Melissa Bruns, Mark Smith, PhD <i>American Preclinical Services</i></p>	1:00 pm	<p>Factory 4.0 – Holistic Design Analysis and Verification John Tyson II <i>Trillion Quality Systems</i></p>
9:30 am	<p>Tabla: A Low-Cost Pneumonia Detection Device Adam Rao, Jorge Ruiz, Chen Bao, Shuvo Roy, PhD <i>University of California, San Francisco</i></p>		
10:00 am	<p>Developing New Technology and Treatments in Under Resourced Countries Terry Treadwell, MD, FACS <i>Institute for Advanced Wound Care</i></p>	1:30 pm	<p>Using CFD to Predict Platelet Activation and Thrombus Foundation in a Bioartificial Kidney Amanda Buck, Joseph Groszek, William Fissell <i>Vanderbilt University</i> Nathan Wright, Jarrett Moyer, Sukhveer Singh, Shuvo Roy <i>University of California, San Francisco</i> Steven Goebel <i>SimuTech Group</i> Danny Blustein, PhD <i>Stony Brook University</i></p>
10:30 am	Break	2:00 pm	<p>Laser Welding of Medical Device Polymers Luis Gomez, PhD <i>IPG Photonics</i></p>
11:00 am	<p>Plasma Technology and Its Application in Medicine Mike Paris <i>Origin</i></p>	2:30 pm	Break
11:30 am	<p>Impact of Sterilization on Ultrathin Film Polymer Coatings for Silicon-Based Implants Zohora Iqbal, Willieford Moses, Steven Kim, Eun Jung Kim, Shuvo Roy, PhD <i>University of California, San Francisco</i> William Fissell, PhD <i>Vanderbilt University</i></p>	3:00 pm	<p>Low Power Fiber Laser Welding Techniques for the Medical Device Industry David Krattley <i>IPG Photonics</i></p>
		3:30 pm	<p>ECMO Using Parallel Plate Silicon Micropore Membranes Emily Abada, PhD, Ajay Dharia, Benjamin Feinberg, Torin Yeager, Willieford Moses, Charles Blaha, Jaehyun Park, Nathan Wright, Benjamin Padilla, Shuvo Roy, PhD <i>University of California, San Francisco</i></p>
		4:00 pm	<p>Nanosecond and Picosecond Laser Marking of Medical Devices Brian Baird, PhD <i>IPG Photonics</i></p>
12:00 pm	Session Adjourned & Lunch	4:30 pm	Adjournment



Registration Form

FEE SCHEDULE FOR REGISTRANTS



General Registration Fee is \$1295 (*Access to sessions for all days of the conference; also includes an access to the IMD 2018 San Francisco Library for the available abstracts, papers and presentations for one month starting 5 – 10 days after the conclusion of the event, coffee breaks, lunch(es), reception, and access to the exposition*) Login information will be delivered to you via email.

- General Registration/Co-Author Registration Fee is \$1295
- Authors, Chairs, and Director of Global Automotive Management Council Registration Fee is \$595
- Faculty Registration (NO online library access) is \$450
- Graduate Student Registration (NO online library access) is \$300

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I will attend the Onsite Reception on: March 14th

I will attend the CONFERENCE and EXHIBITS on: March 14th March 15th

PAYMENT METHODS: (*All checks must be drawn from U.S. banks in U.S. funds*)

Make Check Payable to: Global Automotive Management Council in the amount of, US\$ _____

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Mail or Fax Registration Form to: Global Automotive Management Council, 5340 Plymouth Road, Suite 205, Ann Arbor, MI 48105, USA. FAX: (734) 786-2242 EMAIL: tareku@gamcinc.com REFUND POLICY: Refunds are available with a 50% surcharge until 60 days before the conference. In addition, a \$35 administrative fee will be charged. Refunds are no longer available in the 60 days prior to the conference date. All returned checks receive a \$25 fee. Prices subject to change. Online Registration Available at www.gamcinc.com

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