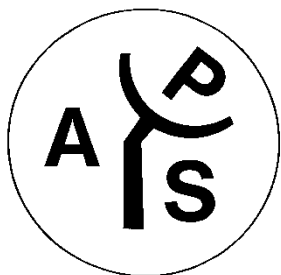


October 28, 2016, at the LAX Marriott, Los Angeles, CA 90245  
**Coastal LA Section Presents CLASTECH Symposium and Exhibition**  
**Preliminary Program --Antenna and Microwave Technology**



**Exhibition** There will be an exhibition with local and national vendors.  
 7:30 AM to 3:30 PM

**Steering Committee**

**Chair-** Charlie Jackson

**Antennas**  
 Robert Hoferer Ibrahim Nassar

**EMC** Ray Adams

**Microwaves**  
 Kevin Leong Philip Hon

**Exhibition Chair- Local Arrangements**  
 Sharon Fletcher, Manny Olmedo,, Steve Swift, Bryan Takamiya

**ROOM A- Antennas**

**8:30 AM 1st Session**

"Horn and Reflector Design from Down Under", by **Dr. Christophe Granet, Lyrebird Antenna Research Pty Ltd., (Australia)**

"Ultra-high Efficiency Planar Phased Arrays for Satellite Communications" by **Dr. Karl Warnick, Brigham Young University**

**10:10 - 10:40 AM Break (Exhibit Opens at 7:30 AM)**

**10:40 AM 2<sup>nd</sup> Session**

"Periodic Structures in Modern Electromagnetic and Antenna Applications: FSS, EBG, Reflectarrays and Nano-Pillars," by **Dr. Yahya Rahmat-Samii, UCLA**

**11:30 AM – 1:00 PM Lunch**

Lunch

**1:00 PM – 3:00 PM 3rd Session**

**Session**

"Smart antennas for broadband satellite communications", by **Dr. Steven Gao, University of Kent**

"RF Modeling of Instrument Antennas for Flight Projects: from Initial Concept to on Orbit Validation", by **Dr. Paolo Focardi, JPL**

**3:00 – 3:30 PM Break**

**(Exhibition Closes at 3:30 PM)**

**Download this flyer**

Go to [www.clastech.org](http://www.clastech.org)

**ROOM B- Microwaves**

**8:30 AM 1st Session**

"Novel concept of exceptional point of degeneracy for oscillators and other devices" by **Dr. Filippo Capolino, UCI**

"GaN Power MMICs – Fact and Fiction" by **Dr. Charles Campbell, QORVO**

**10:10 - 10:40 AM Break (Exhibit Opens at 7:30 AM)**

**10:40 AM 2<sup>nd</sup> Session**

"Anisotropic, Nonlinear, and Active Impedance Surfaces" by **Dr. Daniel Sievenpiper, UCSD**

**11:30 AM – 1:00 PM Lunch**

Lunch

**1:00 PM – 3:00 PM 3rd Session**

"Terahertz lasers based upon metamaterial concepts" by **Dr. Benjamin Williams, UCLA**

"5G candidate technologies and how to future-proof your RF designs" by **Dr. Gent Papparisto, National Instruments**

**3:00 – 3:30 PM Break**

**(Exhibition Closes at 3:30 PM)**

**Registration Page**

<https://www.eventbrite.com/e/clastech-2016-tickets-26609232932>

**ROOM C- Industry and Special Talks – 8:30 AM**

"ANSYS HFSS Simulation of Medical Emergency Drone" by **Markus Kopp, ANSYS/HFSS**

"Multi-scale Periodic Structure Design in 3D EM Software" by **Enow Tanjong, CST**

**10:10 - 10:40 AM Break (Exhibit Opens at 7:30 AM)**

**10:40 AM 2<sup>nd</sup> Session**

"Navigation Sensors and Systems in GNSS Degraded and Denied Environments" by **Dr. George T. Schmidt, AESS Distinguished Lecturer**

**11:30 AM – 1:00 PM Lunch**

Lunch

**1:00 PM – 3:00 PM 3rd Session**

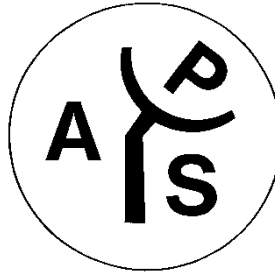
"Integrated CAD of Reflector Antennas and Feed Networks using Hybrid EM Methods" by **Dr. Ralf Ihmels, Mician**

"The Internet of Space" by **Dr. Charlie Jackson, MTT FDC**

If you are between jobs, contact [clastech@earthlink.net](mailto:clastech@earthlink.net) and CLASTECH will work something out

**For More Information**

Contact Charlie Jackson  
[c.jackson@ieee.org](mailto:c.jackson@ieee.org)



**Coastal LA Section Presents CLAS TECH Symposium and Exhibition  
October 28, 2016  
LAX Marriott Hotel, 5855 W Century Blvd, ,  
Los Angeles, CA, 90045**

**Registration Form**

The 2016 CLAS TECH Symposium and Exhibition will include three tracks with 5 technical sessions, and table top exhibits. A buffet lunch will be provided.

To get the ½ price fee, RSVP on-line and to ensure that you get lunch, we need registration before October 20. If you want, you fill out the form and mail in a check. Onsite registration will be \$40.

Here is a link to the registration page

<https://www.eventbrite.com/e/clastech-2016-tickets-26609232932?aff=erelexpmlt>

If you do not want to use the web based registration, make a check out to "IEEE Coastal LA Section, APS Chapter" and mail it to the APS/MTT Chapter Treasurer, C/O Charlie Jackson, 16341 Normandy Lane, Huntington Beach, CA, 92647.

**I want to pre-pay by check** \_\_\_\_\_ (You don't need to fill out this form if you register on-line)

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Company (optional):** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

Address and e-mail information are needed for contacting you if there is a registration issue. Company information will not be disclosed, but a list of companies that sent employees will be compiled and distributed.

Do not share my contact information with exhibitors or other attendees

**Technical Background** (not to be released; Useful for future CLASTECH Symposium planning)

APS

MTT

AESS