Unveiled for the first time at the 2017 IEEE Microwave Theory and Techniques Society International Microwave Symposium (IMS2017), the Industry Workshops are being offered again at IMS2018. These are two-hour workshops and in-depth technical presentations on contemporary topics of interest to the community and provided to all attendees of IMS in meeting rooms adjacent to or close by the main exhibit area. The workshops will be presented from Tuesday through Thursday (10–12 June) of IEEE Microwave Week, to coincide with the IMS industry exhibition. Symposium exhibitors were invited to submit proposals describing state-of-the-art products, procedures, and techniques of interest to the microwave and RF community.

The objective of the Industry Workshops is to offer hands-on, practical training that allows attendees to immediately put to use the presented materials. Tutorials and application notes are encouraged, while more theoretical presentations are discouraged. The presentations are not intended as purely marketing/sales activities, and promotions are to be kept at a minimum. Presenters are encouraged to provide live demonstrations when feasible and offer hands-on experiences for the attendees.

The intent of this event is to bridge the gap between the quick uptakes available on the exhibit floor and the in-depth theoretical treatment of the technical sessions. For more one-on-one discussions and answers, presenters can always invite attendees to their booths in the exhibit area.

After a review of the proposals, the following workshops were approved for presentation:

• “Accelerating Design Validation in 5G New Radio”
• “Advanced Techniques for Phase Noise and Jitter Measurements for High-Power, Very-High-Frequency Pulsed or Modulated Signals”
• “Best Practices for On-Wafer Test and Measurement from GHz through THz”
• “Best Practices in Wafer-Level Millimeter-Wave and THz Testing”
• “Design, Fabricate, and Test Your Own Passive Planar Microwave Component”
• “Design, Fabricate, and Test Your Own Antenna”
• “Exceptionally Fast, Easy, and Flexible Optimization of the Electromagnetic Planar Filter Frequency Response Using Nuhertz Filter Solutions”
• “Extended Limits in Full-Wave Simulations of Complex Microwave Circuits and Antennas”

(continued on page 55)
prepared to ask engaging questions and meet new colleagues. A reception with fun, food, and networking will follow at Lucky Strike Philadelphia.

Panel Session
“Starting a Career in Microwaves, Medicine, and Mobility: Skills That Stand Out and Enable Impact”

Date: Tuesday, 12 June 2018
Location: Philadelphia Convention Center, room 201A
Time: 5:30 p.m.

Networking Event
Lucky Strike Philadelphia
Date: Tuesday, 12 June 2018
Location: 1336 Chestnut Street, Philadelphia, Pennsylvania 19107
Time: 7:30–9:30 p.m.

RF Boot Camp Comes to IMS2018 in Philadelphia (continued from page 48)

The topics for RF Boot Camp at IMS2018 will include
• the RF/microwave signal chain
• network characteristics, analysis, and measurement
• fundamentals of RF simulation
• signal generation
• modulation and vector signal analysis
• microwave antenna basics
• introduction to radar/early warning and radar measurements.

The last of these was introduced at IMS2017 and was particularly well received. In fact, all the topics presented last year received rave reviews from the audience of more than 50 attendees.

Join us at IMS2018 in Philadelphia for the next RF Boot Camp. If you’re unable to attend RF Boot Camp, consider some of the many other excellent Microwave Week technical and networking opportunities!

IMS2018 Industry Workshops (continued from page 50)

• “Free Space Nondestructive Methods for Material Characterization, Process Control, and Antenna Mapping”
• “Full-Stack Deployed Modem Design with Software-Defined Radio”
• “How Integration of Data Converters Simplifies Designs in Various Industries”
• “How to Model When You Don’t Have a Model”
• “Millimeter-Wave Measurement Insights”
• “Photonic SiGe BiCMOS Technology for Broadband Integrated Communication Circuits”
• “Practical Antenna Design Including Feed Networks”
• “RF Technologies Enabling 5G Systems”
• “Simulation and Optimization of Substrate Integrated Waveguide Components Using the Mician µWave Wizard”
• “Understanding System Simulation”
• “Using Very-Near-Field Scanners for Self-Interference Debugging in Communication Circuits.”

Please check the IMS2018 website (www.ims2018.org) for details on the Industry Workshops and the presenters as well as the Industry Workshop schedule.