

Tuesday Panel, Special, and Focused Sessions

12:00–13:15

PTUB

HCC 316C

Your GaAs Foundry and the Future: Anyone Have Issues? Of Course!

Moderator:

- Brad Nelson, Sirenza Microdevices
- Paul Blount, Custom MMIC Design Services

Panelists:

- Wing Yau, Global Communication Semiconductors
- Bob Donahue, Win Semiconductor
- Phillipe Labasse, United Monolithic Semiconductors
- Mike Peters, TriQuint Semiconductor
- Marc Rocchi, Ommic
- David Smith, Filtronic

Sponsor: IMS

Come ask the foundries how they plan to solve your problems. This panel session will address key issues facing GaAs foundries and their customers today and in the future: performance, reducing cost, quality control, emerging markets, second sourcing, consolidation, and disruptive technologies.

13:20–15:00

TU3G

HCC 317AB

Microwave and Millimeter-Wave Activities in the Pacific Rim

This special session brings together talks on microwave and millimeter-wave activities in the Pacific Rim from China, Japan, and Australia. A range of topics, including recent cellular infrastructure development, microwave and millimeter-wave technology, and defense satellite communication networks in Asia, will be included.

15:30–17:10

TU4G

HCC 317AB

A Tribute to Dr. Leo Young

Dr. Leo Young passed away at the age of 80 in September 2006. He pioneered the development of microwave filter technology, publishing 14 books and over 100 technical articles, and receiving 20 patents on various aspects of microwave technology. In 1964 together with his colleagues, George Matthaei and E. M. T. Jones, Leo wrote *Microwave Filters and Impedance-Matching Networks and Coupling Structures*, included in the Microwave Hall of Fame and generally considered “the bible” for microwave filter design. Leo’s extensive professional activities included serving as President of the IEEE and the MTT-S. He received numerous awards, including the Microwave Prize, Distinguished Service Award, and the Microwave Career Award. Leo was a Life Fellow of IEEE, a member of the National Academy of Engineering, and a Foreign Member of the UK Royal Academy of Engineering. Leo was the U.S. DoD’s Director of Research and established many of its policies and programs that define support for basic research.

13:30–16:30

Ballroom A Foyer

Student High-Efficiency Power Amplifier Design Competition

The Third Student High Efficiency Power Amplifier Design Competition is open to all students registered at an educational institution. Competitors are required to design, construct, and measure a high-efficiency power amplifier at a frequency of their choice above 1 GHz but less than 20 GHz and having an output power level of at least 5 W but less than 100 W into a 50 Ω load. The winner will be judged on the design demonstrating the highest power added efficiency. The amplifiers will be tested to verify their performance starting at 13:30 and will be on display during the Student Paper Competition. All participants will be recognized at the Student Awards Luncheon on Thursday. The winner will receive a \$1000 prize and will be invited to submit a paper describing the design to the *IEEE Microwave Magazine*. For more details see www.ims2007.org.