



2010 IEEE



Compound Semiconductor IC Symposium



INTEGRATED CIRCUITS IN GaAs, InP, SiGe, GaN and OTHER COMPOUND SEMICONDUCTORS



October 3–6, 2010

Monterey, CA, USA



Sponsored by the IEEE Electron Devices Society
Technically co-sponsored by the Solid State Circuits Society
and the Microwave Theory & Techniques Society



2010 CSIC Symposium

From its beginning in 1978 as the GaAs IC symposium, CSICS has evolved to become the preeminent international forum for developments in compound semiconductor integrated circuits, embracing GaAs, InP, GaN, SiGe, and more recently, CMOS technology. Coverage includes all aspects of the technology, from materials issues and device fabrication, through IC design and testing, high volume manufacturing, and system applications. The IEEE Compound Semiconductor IC Symposium (CSICS) provides the ideal forum to present your latest results in high-speed digital, analog, microwave/millimeter wave, mixed mode, and optoelectronic integrated circuits.

Symposium Highlights

High quality technical papers will be selected from worldwide submissions for oral presentation and publication in the Symposium Digest. Invited papers and panel sessions on topics of current importance to the Compound Semiconductor IC community will complete the program. Extended versions of selected papers from the Symposium will be published in a special issue of the *IEEE Journal of Solid State Circuits*.

Compound Semiconductor Primer Course

The Symposium will again offer the popular primer course, “Basics of Compound Semiconductor ICs,” which is an introductory-level class intended for those wishing to obtain a broad overview of RFIC and High-Speed Analog-Mixed Signal technology. The Sunday evening course will cover Si/SiGe, GaAs, InP and GaN materials and processes, BJT/HBT, HEMT & FET device operation, and both analog/microwave and digital ICs. The Course will be tailored to provide the specific background needed for participants to understand and appreciate the papers presented in the Symposium Technical Program.

Short Course

A short course will be held on Sunday, October 3, 2010. The course is currently under development and will cover current topics in the industry. Organizer: Sorin Voinigescu, University of Toronto, Ph: +1-416-946-8664, sorinv@eecg.toronto.edu.

2010 Compound Semiconductor IC Symposium Exhibition

As in past years, the Symposium will sponsor an exhibition of products from various vendors of materials, IC products, processing equipment, test equipment, CAD tools, and foundry services specifically addressing the Compound Semiconductor industry. Numerous vendors will be on-hand to discuss their products and to answer questions. Inquiries concerning the exhibits should be addressed to:

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For more information please visit the website at www.csics.org