2005 Spring Industry Advisory Board Meeting

Guest Speaker

Kristin Rinne
Chief Technology Officer
Cingular Wireless

Biographical Sketch

Kris Rinne is responsible for industry standards development, long range technology planning, and the network and device planning for new products and services.

Prior to this position, Rinne served as Cingular’s Vice President—Technology and Product Realization, responsible for new product development from a technology standpoint, handset certification, and infrastructure vendor coordination.

Rinne has worked in the telecommunications industry for more than 25 years. Prior to joining Cingular, she was Vice President—Technology Strategy for SBC Wireless, responsible for new product development and network operations support. She has worked for Southwestern Bell Mobile Systems as Managing Director—Operations.
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Guest Speaker

Gregg A. Lowe
Senior Vice President
High-Performance Analog
Texas Instruments Incorporated

Biographical Sketch

As senior vice president of Texas Instrument, Gregg Lowe is responsible for TI's High-Performance Analog (HPA) business unit.

During his 20-year career with the company, Mr. Lowe has managed and worked in business units across the breadth of TI's semiconductor operations. A 1984 graduate of Rose Hulman Institute of Technology (BSEE), Mr. Lowe began his TI career in the field sales organization, where he was responsible for growing TI's business with automobile manufacturers. He moved to Freising, Germany, in 1989 and led the European automotive sales team, managing teams and customer relationships in France, Germany, Italy, England and Spain.

In 1994, Mr. Lowe returned to the U.S. to manage TI's microcontroller organization. Four years later, he led the ASIC organization, overseeing a worldwide team with design centers and customers on each continent. In 2001, he moved to TI's analog business unit to manage the High Speed Communication & Controls in HPA, and later that same year, Mr. Lowe transitioned to his current position as manager of the High-Performance Analog business unit.

A native of Cleveland, Ohio, Mr. Lowe also graduated from the Stanford Executive Program at Stanford University and is fluent in German.
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Guest Speaker

Stewart Taylor, Ph.D
Senior Scientist
Intel

Biographical Sketch

Stewart S. Taylor joined Intel in January 2003. His current research focus is on radio architecture and circuit design that leverages the strengths and compensates for the weaknesses of CMOS technology. He received a Ph.D. in electrical engineering from the University of California at Berkeley in 1978.

Before joining Intel, he was with Tektronix, TriQuint, and Maxim. He has developed high-speed data converter, instrumentation amplifier, fiber optic, pin electronics, and wireless/RF integrated circuits. He has thirty-one issued patents, and nine pending.

Stewart served on the program committee of the International Solid-State Circuits Conference for ten years, chairing the Analog Subcommittee for four years. He was the conference Program Chair in 1999. He was an Associate Editor of the IEEE Journal of Solid-State Circuits, and the recipient of the IEEE Third Millennium Medal for Outstanding Achievements and Contributions from the Solid-State Circuits Society. Stewart has taught part-time at Portland State University, Oregon State University, and the Oregon Graduate Institute for twenty five years. He is a senior member of the IEEE.
ByeongCheon Koh, Ph.D.
Chief Technology Officer

Biographical Sketch

ByeongCheon Koh joined Samsung in November 1995 as the Senior Vice President of Samsung Electronics Co., Ltd. Since January 2004, Dr. Koh has served as the Chief Technology officer for the Samsung Electro-Mechanics. Co., Ltd.

Prior to Samsung, Dr. Koh, worked for the Korea Automotive Technology Institute, the Korea Institute of Machinery and Materials, and the Korea Institute of Science and Technology.

A native of Korea, Dr. Koh received his BS and MS of Engineering degrees from the Seoul National University in Seoul, Korea in 1975 and 1981, respectively. In 1988, he received his Ph.D from University of Michigan, Ann Arbor.
Panel Discussion
Migrating to Broadband- 3G and Beyond

Moderator:
James Brunson, Product Marketing Manager, Spirent Communications

Convergence in communications and computing is here, and wireless networks, both at the edges and in the core, are moving towards IP.

With Wi-Fi gaining greater market acceptance and WiMax just around the corner, what is the future role of 3G? What roadblocks still remains for these technologies, and how should we focus our collective energies to build a better value proposition for the industry? What role will network performance and reliability have on the evolution and deployment of these technologies? This panel will address these questions as well as insights into how these new networks will evolve to meet the changing needs of the wireless marketplace.

Speakers:

Dr. Mehmet Unsoy, Managing Partner, Munsoy Ltd, Partner, Cartagena Capital GmbH

Tim Rowden, Director Wireless Terminal Product Management, Samsung Telecom

Eckhard Papproth, Director Technical Business Development, Siemens Communications

Shiv K. Bakhshi, Ph.D., Director, Mobile & WiFi Infrastructure, IDC

Dr. Nikil Jayant, Director of the Georgia Tech Broadband Institute, Georgia Institute of Technology