



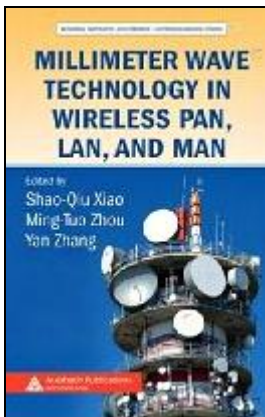
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SiBEAM Developers Co-Author New Millimeter Wave Technology Book

Sheung Li and Dr. James Gilb Provide Leading Industry Insights on Use of Millimeter Wave Technology for Wireless Networks

Who: Sheung Li , Director of Product Development and Marketing, and James Gilb, Ph.D., Director of Standards and Advanced Technology of SiBEAM, Inc, a fabless semiconductor company and pioneer in intelligent 60GHz millimeter wave (mmWave) technologies.

What: Mr. Li and Dr. Gilb have co-authored the chapter “Millimeter Waves for Wireless Networks” in the new book Millimeter Wave Technology in Wireless PAN, LAN, and MAN, designed to provide guidance needed to help students and IT professionals navigate through this new technology. Published by Auerbach Publications, the premier publisher for IT professionals, this text covers the fundamental concepts, recent advances and potential that these millimeter wave technologies will offer with respect to circuits design, system architecture, protocol development and standardization activities.



Chapter contents include:

- Presents the basic concepts of the mmWave technology in emerging WPAN, WLAN and WMAN markets
- Addresses fundamental problems and key challenges in designing mmWave circuits and systems
- Examines the specific new mechanism in resolving limitations of the mmWave technology
- Identifies future directions for mmWave
- http://www.amazon.com/Millimeter-Technology-Wireless-Networks-Communications/dp/0849382270/ref=sr_1_1?ie=UTF8&s=books&qid=1226088324&sr=1-1

Why: SiBEAM is the first company to develop and manufacture chipsets based on the 60GHz frequency in CMOS, revolutionizing audio and video technology through its high-bandwidth capabilities. SiBEAM is also a founding member of the WirelessHD™ Consortium, the first industry group to develop a standardized solution for the wireless transmission of lossless, uncompressed high-definition audio and video content. Mr. Li and Dr. Gilb’s contribution to Millimeter Wave Technology in Wireless PAN, LAN, and MAN further establishes SiBEAM’s expertise in 60GHz and millimeter wave technology.

How: Millimeter Wave Technology in Wireless PAN, LAN, and MAN can be purchased online at Amazon.com.

About James Gilb:

Dr. James P. K. Gilb has 15 years industry experience working for a variety of companies including Northrop Grumman, Motorola and Mobilian and Apparent Technologies. His work has covered a variety of areas

ranging from radar absorbing materials and structures to RFIC design and layout to radio systems design and implementation. Dr. Gilb joined SiBEAM in 2005 and is Director, Standards and Advanced Technology working on a variety of Gb/s wireless projects. He is the Technical Editor of the WirelessHD specification, which is an open specification for transport of uncompressed, lossless high definition video over a distance of 10 m with throughput greater than 3 Gb/s using 60 GHz frequency band. He is currently the Technical Editor of the IEEE 802.15 Working Group and the IEEE 802.15.3c Task Group and has been the Technical Editor of the IEEE 802.15.3 Task Group and the IEEE 802.15.3b Task Group. He is also the recording secretary for the IEEE 802 Executive Committee.

Dr. Gilb received the Bachelor of Science degree in Electrical Engineering in 1987 from the Arizona State University, graduating magna cum laude. In 1989, he received the Master of Science degree in Electrical Engineering from the same institution and was named the Outstanding Graduate of the Graduate College. He received the Ph.D. degree in Electrical Engineering in 1999, also from Arizona State University.

He has five issued patents, many papers published in refereed journals, and is the author of two books: *Wireless Multimedia: A Guide to the IEEE 802.15.3 Standard* and *IEEE Wireless Dictionary*.

About Sheung Li:

Sheung Li is the Director of Product Development and Marketing for SiBEAM, Inc. Li is working to introduce a new generation of 60 GHz semiconductors to the consumer electronics and personal computing markets. His responsibilities at SiBEAM include product management, government affairs, and industry standardization. In his prior roles as Product Line Manager and later as Director at Atheros Communications, he launched every product from the company's initial 5 GHz chipsets through to the introduction of 802.11n. Mr. Li has also been responsible for customer premises equipment at Geocast Network Systems and home networking at 3Com Corporation. He is the Vice Chair of the IEEE 802.11n standards committee, and holds patents in low power and adaptive radio technologies. Mr. Li received a B.S. in Computer Science and Engineering from the Massachusetts Institute of Technology, and both a M.S. in Manufacturing Systems Engineering and a MBA from Stanford University.

About SiBEAM, Inc.

SiBEAM is a fabless semiconductor company and founding member of the WirelessHD™ Consortium. A pioneer in developing intelligent millimeter wave technologies for wireless communications, SiBEAM is the first to build 60GHz chipsets using standard CMOS technology. The first applications for the company's innovative technology are based on the WirelessHD™ specification for home multimedia content delivery and A/V connectivity. SiBEAM is a global leader in driving the architecture and semiconductor implementation for the distribution and presentation of high-definition content in the consumer electronics and personal computing markets. Solutions for wireless personal area networks (WPAN) and automotive will follow. The company was founded in 2004 and is headquartered in Sunnyvale, California, with offices in San Diego, Seoul and Tokyo. For more information please visit: www.sibeam.com.