

SYMPOSIUM QQ
IP, TT, VC, IPO, and U

November 28, 2005

Chairs

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* Invited paper

SESSION QQ1
Chair: Gene Fitzgerald
Monday Afternoon, November 28, 2005
Liberty (Sheraton)

4:00 PM *QQ1.1

How to be an Inventor. Merton C. Flemings, MIT-Lemelson Institute, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Professor Flemings is Toyota Professor of Materials Processing emeritus and Director of the Lemelson-MIT Program in invention and innovation at the Massachusetts Institute of Technology. He has been a member of the MIT faculty since 1958. He is chairman of the Silk Road Project, a not-for-profit corporation devoted to fostering creativity and celebrating local cultures and global connections.

4:20 PM *QQ1.2

Planning Practical Patent Protection. Tani Chen, Wolf, Greenfield & Sacks, Boston, Massachusetts.

Tani Chen is a patent agent in the Boston IP law firm of Wolf, Greenfield & Sacks. His practice includes patent prosecution in the areas of chemistry and biotechnology. His specialties include biomedical engineering, microfabrication, start-up and small business development, pharmaceuticals, advanced materials, organic chemistry, analytical devices, and chemical processes. Prior to joining the firm, Tani was a Research Fellow at the Center for Engineering in Medicine, a joint research laboratory of Harvard Medical School, Massachusetts General Hospital, and the Shriners Hospital for Children. His research focused on the storage of mammalian cells at room temperature by internally loading them with specific sugars that form amorphous matrices upon dehydration, preventing degradation from occurring. Tani received his doctorate in chemical engineering from the Massachusetts Institute of Technology in 1999. His doctoral work focused on drug delivery across human skin using pulsed, high-voltage electric fields as an alternative to needle-based delivery systems.

4:40 PM *QQ1.3

Tech Transfer and the University: An MIT Perspective. Alan D. Gordon, Technology Licensing Office, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Alan Gordon graduated from MIT with a degree in Materials Science, having spent time working in IBM's lab at Yorktown Heights and having done polymer research in MIT's UROP program. Alan took on a variety of technical, marketing, sales and business development roles at Boston area software start-ups, including two winners of the MIT \$10K/\$50K competition - Stylus Innovation and WebLine Communications. Alan is currently at the MIT Technology Licensing Office, responsible for managing and licensing MIT inventions in the areas of software and materials science. Alan serves on the technology committee of the CBR Institute for Biomedical Research and on the start-up committee of the MIT Enterprise Forum.

5:00 PM *QQ1.4

Materials Money Marathon. Greg Blonder, Morgenthaler Ventures, Summit, New Jersey.

Greg Blonder is a general partner at Morgenthaler Ventures. Before moving to a career of growing technology companies from the financial side, Greg led a number of research divisions in the late 90's at Bell Labs, including the Material Science, Optical Devices and Consumer Expectations Research Labs. He was also Chief Technical Advisor for the AT&T Corporation. He is currently a director of NanoOpto, Inplane Photonics, FiveStar Technologies, Lamina Ceramics, and Princeton Lightwave. Greg holds over eighty patents, in areas ranging from MEMs, new materials, optical components, and Internet transaction services. He received his S.B. and PhD degrees in Physics from MIT and Harvard University.

5:20 PM *QQ1.5

Photonic Bandgap Fibers: From Basic Concept to the Operating Room. Yoel Fink, Department of Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Yoel Fink received a B.A. degree in Physics and a B.Sc in Chemical Engineering from the Technion, Haifa, in 1994 and a Ph.D. degree from the Massachusetts Institute of Technology, in 2000. He joined the Faculty of Materials Science Department at the Massachusetts Institute of Technology as the Thomas B. King Associate Professor of Materials Science (2000-current). Professor Fink's research interests are in design, fabrication and characterization of solid-state mesostructured fibers containing metals, insulators and semiconducting materials for optical, optoelectronic, thermal and acoustic applications. He was a recipient of the National Amos

De-Shalit Foundation Scholarship in 1992, won the Hershel Rich Technion Innovation Competition 1994, was a recipient of the Technology Review Award for the 100 Top Young Innovators in 1999 and was awarded the National Academy of Sciences Initiatives in Research Award for 2004. Professor Fink is a co-founder of a startup company, OmniGuide Inc (2000) and serves on its Board of Directors. He is the coauthor of more than 40 journal articles, and holds eighteen issued U.S. patents on photonic fibers and devices.

5:40 PM PANEL DISCUSSION

Participants: Merton C. Fleming (MIT-Lemelson Institute), Tani Chen (Greenfield & Sacks), Alan D. Gordon (MIT), Greg Blonder (Morgenthaler Ventures), Yoel, Fink (MIT)