

Thursday, September 23, 2004

# Technology and the Future Warrior

PROTECTING SOLDIERS IN THE 21ST CENTURY

MIT  
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**Jean-Louis "Dutch"  
DeGay**  
U.S. Army Future Force  
Warrior Technology Program



**Steve Altes '84**  
Moderator



**Professor Edwin (Ned)  
Thomas**  
Director of MIT's Institute for  
Soldier Nanotechnologies (ISN)

## PROGRAM SCHEDULE

Registration & Networking Mixer	5:30 – 6:50 pm
Program opens <i>Joe Hadzima, Jr. '73, Chairman of the Board, MIT Enterprise Forum, Inc.</i>	7:00 – 7:05 pm
Introductory remarks <i>Moderator Steve Altes '84</i>	7:05 – 7:10 pm
Presentation by Jean-Louis “Dutch” DeGay	7:10 – 7:40 pm
Presentation by Professor Ned Thomas	7:40 – 8:10 pm
Steve Altes '84 moderates <i>Q &amp; A session - local audience &amp; viewing sites are invited to participate</i>	8:10 – 8:30 pm

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## SATELLITE PARTICIPANTS

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CT - Willimantic	MIT Enterprise Forum of Connecticut
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TX - Dallas	MIT Enterprise Forum of Dallas-Fort Worth
UT - Salt Lake City	MIT Club of Salt Lake City
VA - Herndon	MIT Enterprise Forum of Washington-Baltimore
WA - Seattle	MIT Enterprise Forum of the Northwest
WA - Spokane	MIT Enterprise Forum of the Northwest
WA - Tri-Cities	Pacific Northwest National Laboratory
Toronto, Canada	MIT/Schulich Enterprise Forum
Japan	MIT Club of Japan
	MIT Enterprise Forum of Japan

## ABOUT OUR SPEAKERS

### PROGRAM MODERATOR & PANELISTS



**Edwin (Ned) Thomas** is Director of the Institute for Soldier Nanotechnologies (ISN) and a Professor of Materials Science and Engineering at MIT. Thomas is actively involved in research at ISN, serving as co-leader of two teams focused on Energy Absorbing Materials, and Integration and Transitioning of Technology Systems.

Thomas is a Fellow of the American Physical Society and the American Association for the Advancement of Science. He has won the High Polymer Physics Prize, and the Creative Polymer Chemist Award. Before MIT, Thomas taught at the University of Massachusetts and has been a visiting professor at universities in France, England, Germany and Minnesota.

Thomas is co-founder of OmniGuide Communications, an optical fiber company, holds six patents, and is author of 300 papers and the collegiate textbook “The Structure of Materials.” He received a B.S. from the University of Massachusetts and a Ph.D. from Cornell.



**Jean-Louis “Dutch” DeGay** has been an Equipment Specialist with the U.S. Army's Future Force Warrior Technology Program Office (FFW TPO) since 2001. DeGay develops new items for soldiers, and addresses all systems that interact with the soldier. He also runs the Future Force Warrior Outreach Program.

Before joining FFW TPO, DeGay was with the Marine Corps Customer Team working on clothing and individual items for soldiers. He was a Captain with 10 years of service in the United States Army in a number of assignments.

DeGay has a B.A. from the University of Georgia and is currently studying for his M.S. at Western New England College. He is a graduate of, among others, Airborne School, the Bradley Leader's Course and Ranger School from his time in the military.

## ABOUT OUR SPEAKERS



**Steve Altes '84** (moderator) earned three degrees (a bachelor's and two masters) from MIT. He is a co-recipient of the National Medal of Technology, the nation's highest award for engineering achievement, for his work on Pegasus, the world's first privately-developed space launch vehicle. He is the author of two books and his work has appeared in such places as Salon, the *Washington Post*, the *Los Angeles Times*, and the *Christian Science Monitor*. Altes currently resides in

Los Angeles, where he optioned an MIT-themed screenplay to a major Hollywood producer this year.

### ABOUT THE MIT ENTERPRISE FORUM, INC.

The MIT Enterprise Forum, Inc. was formed in 1978 to support the missions of the MIT Alumni Association and of MIT itself by building connections to technology entrepreneurs and to the communities in which they reside. The Enterprise Forum produces a series of educational programs about entrepreneurship through a network of 23 worldwide chapters and through programs such as the Satellite Broadcast Series, which is available for viewing live via satellite at a variety of locations. MIT Alumni, students, parents and non-alumni technology entrepreneurs are invited to participate in Forum activities.

To learn more about the MIT Enterprise Forum, Inc., as well as Entrepreneurship at MIT, please visit <http://enterpriseforum.mit.edu>

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#### ROPES & GRAY

Ropes & Gray LLP is a leading national law firm representing technology companies across industries - including life sciences, information technology & communications. Ropes & Gray represents tech companies at all stages of growth, as well as the venture capital and private equity firms that finance them. In 2003, the firm ranked 1st in fund investment work in the U.S. by Alternative Investor and negotiated and closed over 100 venture deals raising more than \$1.4 billion. Built on a foundation of over 135 years of dedication to building strong client relationships, their firm has deep industry knowledge and long-standing contacts throughout both the finance and tech sectors.

#### WILMER CUTLER PICKERING HALE AND DORR LLP

Wilmer Cutler Pickering Hale and Dorr LLP is widely recognized as a leader in advising technology and life sciences companies in the US and Europe. Their office in Waltham, Mass., the Hale and Dorr Venture Group, specializes in the legal needs of emerging high tech companies. The firm has acted as company counsel in more than 800 venture financings raising over \$12 billion during the past five years, including multimillion dollar financings by emerging leaders in life sciences, software, telecom and other industries. They have offices in Baltimore, Berlin, Boston, Brussels, London, Munich, New York, Northern Virginia, Oxford, Princeton, Waltham, Washington, DC, and an application pending to establish a Representative Office in Beijing. For more information please visit their website at [www.WilmerHale.com](http://www.WilmerHale.com).

#### Young Entrepreneurs' Organization

The Young Entrepreneurs' Organization (YEO) is a premier peer-to-peer global community, network and resource for entrepreneurs. The non-profit educational and networking organization represents 5,500 members worldwide, who are under age 40 and are the founders, co-founders, owners or controlling shareholders of businesses with annual revenues of at least \$1 million. With membership spanning 160 cities in 40 countries, YEO has helped its members build upon their successes since 1987.

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### USA CHAPTERS

Caltech/MIT Enterprise Forum  
Central Coast MIT Enterprise Forum (Santa Barbara)  
MIT Enterprise Forum of Atlanta  
MIT Enterprise Forum of Austin  
MIT Enterprise Forum of the Bay Area  
MIT Enterprise Forum of Cambridge  
MIT Enterprise Forum of Chicago  
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MIT Enterprise Forum of Dallas - Fort Worth  
MIT Enterprise Forum of the Great Lakes (Detroit)  
MIT Enterprise Forum of New Hampshire  
MIT Enterprise Forum of New York City  
MIT Enterprise Forum of Pittsburgh  
MIT Enterprise Forum of South Florida  
MIT Enterprise Forum of Texas (Houston)  
MIT Enterprise Forum of the Northwest (Seattle)  
MIT Enterprise Forum of Washington - Baltimore  
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San Diego MIT Enterprise Forum

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MIT Enterprise Forum of Taiwan  
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**OUR NEXT BROADCAST: THURSDAY, JANUARY 20, 2005**

