

# SOFTWARE TECHNOLOGIES DISTINGUISHED LECTURE SERIES

March - April 2012

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Department of Software Engineering

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### PROFESSIONAL LEADERSHIP:

**Janusz Zalewski, PhD**

*Professor of Computer Science  
and Engineering*

Florida Gulf Coast University  
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[HTTP://LECTURESERIES.FGCU.EDU/](http://lectureseries.fgcu.edu/)

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**WHERE INDUSTRY  
AND  
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## Program

**March 1, 2012**

### **The Evolution of Software Development: 1972 to 2012**

*Jonathan A. Titus, Independent Consultant  
& Former Editor-in-Chief*  
EDN – Electronic Design News  
Herriman, Utah

**March 15, 2012**

### **Health Information Technology**

*Michael W. Smith, Chief Information Officer*  
Lee Memorial Health System  
Fort Myers, Florida

**March 22, 2012**

### **Creating Entrepreneurial University**

*Borko Furht, Professor and Chairman*  
Dept. of Computer & Electrical Engineering and  
Computer Science  
Florida Atlantic University  
Boca Raton, Florida

**March 29, 2012**

### **Testing – The Life Blood of Engineering**

*Dawid Trawczynski, Senior Firmware Engineer*  
Advanced Micro Devices  
Orlando, Florida

**April 5, 2012**

### **Software Development: The Business, The Developers and the Users**

*Lee Paul, Chief Executive Officer*  
Surround Technologies  
Bloomfield, NJ, and Estero, Florida

**April 12, 2012**

### **Information Institute: Developing Software Technologies for the Air Force**

*John Graniero, Director*  
The Information Institute  
Air Force Research Lab  
Rome, New York



**Dr. Jonathan A. Titus** works as a freelance technical writer and contributes regularly to publications such as ECN and Design News. He worked as the chief editor at EDN & Test Measurement World magazines. Titus has had experience with microprocessors and developed several data-acquisition and control

systems, and has written several books on that subject. Jon is credited by many people as being the inventor of the first personal computer, Mark-8, which was featured as a construction project on the cover of Radio-Electronics magazine in July 1974. The original Mark-8, which used an Intel 8008 chip, now resides at the Smithsonian Institution.



**Michael W. Smith** joined Lee Memorial Health System in 1997, and serves as Chief Information Officer. He has more than 25 years of experience in healthcare delivery leadership, health information technology and electronic health records. Before joining Lee Memorial he served for 10 years in various information technology leadership positions at Baylor Healthcare System in Dallas, Texas. Prior to that, he served as the Vice President of Operations for National Data Communications, a health care information systems company, also in Dallas, Texas, where he was responsible for software and hardware development and hospital implementations.



**Dr. Borko Furht** is a professor and chairman of the Department of Computer & Electrical Engineering and Computer Science at Florida Atlantic University (FAU) in Boca Raton, Florida. He is also Director of the NSF sponsored Industry/University Cooperative Research center. Before joining FAU, he was a vice president of research at Modcomp (Ft. Lauderdale, Florida), a professor at University of Miami in Coral Gables, Florida, and a senior scientist in the Institute Boris Kidric-Vinca, Yugoslavia. His current research is in multimedia systems, video coding and compression, and Internet computing. He is the author of numerous books and articles in various areas of computing.



**Dr. Dawid Trawczynski** graduated from University of Central Florida in 2001 with a BSc. in Electrical Engineering. Then he entered a graduate program and received a MSc. in Computer Engineering from University of Central Florida under advisement of Prof. Janusz Zalewski. After finding out that research is

something worth enjoying, he decided to pursue a Ph.D. degree at Warsaw University of Technology. In 2009, he defended a dissertation titled "Dependability Evaluation and Enhancement in Real-Time Embedded Systems." Currently, he works as firmware engineer in diagnostics at AMD.



**Lee Paul** is the CEO and founding member of Surround Technologies, LLC. Lee graduated from Syracuse University in 1991 with a BS in Aerospace Engineering. With limited job opportunities he started his own business in Information Technologies and never looked back. Self-taught and now with over

20 years in the industry Lee is an IT innovator, visionary and strategist focused on helping and enabling companies use IT to tactically and strategically solve their business challenges. He believes IT can truly change the world in positive and meaningful ways and that this can be achieved by each individual company utilizing IT to better deliver their products and services.



**John Graniero** is the Director of the Information Institute under contract to the Information Directorate of the US Air Force. The Institute is a consortium of over 50 universities performing research in information technology of interest to the Directorate. It fosters research between the academic members and the Directorate. Mr. Graniero has thirty-five years of experience in various areas of information technology and Command, Control and Communications, including the positions of Chief Scientist, Air Force Research Laboratory, Information Directorate, and Chief Scientist, Rome Laboratory Command, Control and Communications Directorate. He is an owner of a consulting firm JAG Technologies.

All lectures at Florida Gulf Coast University  
Academic 7 - Auditorium 114, Thu 6:30-7:30pm  
<http://lectureseries.fgcu.edu/>