



THE FUTURE OF INFORMATION PROCESSING

A Symposium to Celebrate the
School of Electrical Engineering and Computer Science
University of Central Florida

October 26 and 27, 2000

UCF Student Union Building Orlando FL 32816

This Symposium will address some of the challenges and opportunities which characterize the Scientific, Technical, Industrial and Educational dimensions of Information Technology in the XX1st Century.

The Symposium is organized by the faculty and staff of the School of Electrical Engineering and Computer Science at UCF. It includes Lectures and Panels by world class experts and industry leaders.

Topics to be addressed include: Scientific and Technical issues, Principles of Computing, Technology, Networks, Software Engineering, Applications, Education in CS&IT, Information Economy, Entrepreneurship, and Electronic Commerce.

Participants will include Experts from Academia, Industry, Business and Government, UCF's I-4 Partners, UCF Faculty, Students and Administrators, and High School Students from Florida and the Region.

OCTOBER 26

- 8:00am Registration, Light Breakfast
- 9:00am Introduction and Opening - President John Hitt (UCF)
- 9:20am Overview Erol Gelenbe (UCF)
- 9:30am J.L. Lions (College de France), "XX1st Century Challenges in Computational Science"
- 10:15am Jim Meindl (Georgia Tech), "XX1st Century Opportunities for Gigascale Integration"
- 11am Lynn Conway (University of Michigan) "The R&D Challenge in Information Technology"
- 11:45-1pm Lunch -- Speaker - TBA
- 1:15pm Mike Macedonia (US Army Stricom) "Experiencing the Future: Virtual Reality in Military Training"
- 2pm Raj Mittra (Penn State), "The Diffusion of Wireless"
- 2:45pm Raif Onvural (Orologic), "Entrepreneurship and Network Engineering"
- 3:30pm Coffee Break
- 4:00pm C. Papadimitriou (UC Berkeley) "Open Questions in Algorithm Design"
- 4:45pm P. Harrison (Imperial College), "Performance Modeling"
- 5:30pm Lotfi A. Zadeh (UC Berkeley), "Enlargement of the Use of Natural Languages for Decision & Control"
- 7:30pm Reception and dinner - Dinner Speaker TBA

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Or refer to our web page:

www.seecs.ucf.edu/symp2000/registration.htm

OCTOBER 27

- 9am Diane Pozefsky (IBM) "A Strategy for E-Business"
- 9:45am Don A. Haile (Fidelity Investments) "IT for the Financial Markets"
- 10:30-11am Coffee Break
- 11-12pm Panel: The IT Industry: Bob Greenberg (IBM), Moderator
- 12-1:15pm Lunch - Speaker, Rick McGee (IBM), Title TBA
- 1:30pm Richard A. Karp (UC Berkeley), "Algorithms in Computational Biology"
- 2:15pm Gary Fedder (CMU), "Towards MEMS-Enabled Human Computer Environment Interaction"
- 3pm Sandy Pentland (MIT), "Wearable Computing"
- 3:45pm Coffee Break
- 4:15pm Dave Parnas (McMaster University), "Challenges in Software Engineering"
- 5pm Panel: Future of Education in Information Technology -- Moderator Prof. Jan van Katwijk, (Technical University of Delft)