

MESA Workshop

The 2001 Mesa Computer Elements

Mesa, Arizona

January 14-17, 2001

Sponsored by

IEEE Computer Society

The following is the outline of the sessions for the 2001 Mesa Workshop. Anyone interested in attending will find the formal notice of the workshop on this page in the Sept.-Oct. timeframe. Anyone wishing to receive a copy of the notice by mail can send a note to Jerry Merckel gmerckel@unf.edu

Anyone wishing to make a presentation should look at [2001 Mesa Call for Presentations](#)

Advance Program

New Frontiers In Computing

Sunday Jan 14

5:00 Registration followed by Dinner and Keynote Presentation.

Keynote...Future Trends In Computing -- Dr. Mark Dean, IBM Fellow & Vice President

Monday Jan 15

Session 1

Wireless Connectivity

Chair Bora Nikolic, Univ. of CA, Berkeley

- 802.11 Update
Chung Wu, Intel
- Bluetooth
John Alexander, UNF
- Design Flow for Wireless Protocols
Julio da Silva, UC Berkeley

Session 2

Consumer Electronics

Chair Michinori Nishihara, IBM

- Arch Design - Entertainment Robot
Kohtaro Sabe, Sony
- CCDs & Digital Cameras
Kazuyuki Masukane, Fuji
- Car Navigation
Shoichi Washino, Mitsubishi Electric
- PDA Directions
Neal Osborn, Palm

Session 3

Processor Directions

Cochairs: Yoshiaki Hagiwara, Sony

Vivek Tiwari, Intel

- Mobile PC Processor Technology
Bob Jackson, Intel
- Itanium Compiler/Microarchitecture Overview
Kent Fielden, Intel
- Pentium 4 Platform & Performance
Mike Upton, Intel

Tuesday Jan 16

Session 4

- Human Interfaces
Cochairs: Robert Montoye, IBM
Michinori Nishihara, IBM
- Pen Technology & Future
Giovanni Seni, Motorola
 - Wearable/Microtransportable World
Usen Udoh, IBM
 - Dialog Systems
Guojun Zhou, Intel
 - Speech Technology Trends
Yonghong Yan, Intel

Session 5

- Internet Communications
Chair: Steve Hunter, IBM
- 10 Gigabit Ethernet
Tom Gray, Cadence
 - Voice Over the Internet
James Simak, ECI Telecom
 - Networking Trends
Steve Hunter, IBM

Wednesday Jan 17

Session 6

- Biocomputing
Chair Shih-lien Lu, Intel
- Biometric Interfaces
Ray Barrett, Memsic
 - Micro Sensors
Babak Ziaie, University of Minnesota
 - High Definition Video
William Glenn, Florida Atlantic University

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Session 1

Wireless Connectivity

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Session 2

Consumer Electronics

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Session 3

Processor Directions

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Session 4

Human Interfaces

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Session 5

Internet Communications

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Session 6

Biocomputing

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If you have any comments or suggestions regarding the Computer Elements web page, please send an e-mail to: gmerckel@unf.edu

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