

MEMS Education Workshop: Introduction and Welcome

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History

- Small group of academics met at the Hilton Head '04 meeting
 - Discussed common experiences
 - Shared problems
 - Agreed to explore a workshop on MEMS Education
- MEMS-ED Committee formed
- Agreement from NSF, NASA to partially underwrite costs for a one-day workshop

Organization

- Committee Members
 - Reza Ghodssi
 - Jack Judy
 - Beth Pruitt
 - Taher Saif
 - Martin Schmidt (Chair)
 - Kim Turner
- Conference Organizer: PMMI – Katharine Cline
- Sponsors
 - NSF (Dr. Rajinder Khosla)
 - NASA Goddard Space Flight Center (???)

Organization of the Meeting

- Get grounded in history
- Assess current status of MEMS Education
- Hear from industry on education needs
- Hear from funding agents on future
- Lunch groups to discuss current status
 - What's working, what's not working
- Moderated discussion to summarize lunch groups and drill deeper
- Breakout group to discuss opportunities and recommendations
- Conclusion

Agenda

- 7:45 Continental Breakfast
- 8:00 Introduction and Welcome
- 8:15 A Historical Perspective – Prof. Roger Howe
- 8:30 The Present Status (Survey Summaries)
- 9:30 Industry Perspective (Panel)
- 10:30 Break
- 10:45 The Future of MEMS (Panel)
- 11:45 Working Lunch topic overviews*
- 12:00 Working Lunch
- 13:30 Reports from lunch tables on discussion topics
- 14:15 Sharing Our Best Practices *Moderated Discussion*
- 15:15 Breakout groups by topics
- 16:15 Summary reports by topic
- 17:00 Closing Remarks

Expected Outcomes

- CD and/or Web site with all materials collected before and at this workshop
- Identification of 'low hanging fruit'
 - Opportunities to develop/share/collaborate with existing support
- A set of recommendations for:
 - Organization of subsequent workshops/conferences
 - Funding agents with an interest in supporting education initiatives
 - Industry groups with an interest in advocating/supporting MEMS education initiatives