

Micromachine Summit2006

-- Micro/Nano Technology Applications

Session : Country/Region Review (17)

1. Jason Chaffey, (DSTO University) , Ian Bates, (RMIT University), Australia ,
"Australian Microtechnology and Nanotechnology Review"
2. Albert van den Berg, (University of Twente) , Benelux , "Region Review Benelux "
3. Daniel Gale, CMC, Canada , "The Canadian Micro/NanoTechnology Landscape"
4. ZhaoYing Zhou, (Tsinghua University) ,China , "MEMS and Nanotechnology in China "
5. Augusto De Albuquerque, (European Commission), EU , "Overview of presentation "
- 6 .Emmanuel BIGLER , (ENSMM & FEMTO-ST) ,France , "Country Review :France "
7. Roland Zengerle, (IMTEK) Germany , "German Country Review"
8. Shiban K Koul, (IIT) , India, "Paper not available at time printing"
9. Isao Shimoyama, (The University of Tokyo) Japan , " Fine MEMS- upcoming MEMS project –"
10. Young-Ho Cho, (Korea) , "Mocro and Nano Technology Activity in Korea "
11. Paolo Dario,(SSSA – CRIM Lab), Mediterranean , "Micromachines for Endoluminal Surgery"
12. Per Ohlckers, (Vestfold University), Nordic , "Status of the Nordic Region"
13. Sum Huan Ng, (National University of Singapore), Singapore , "Country Review: MEMS Research in Singapore"
14. Nico De Rooij, (University of Neuchatel), Switzerland "Country Report Switzerland "
15. Pei-Zen Chang ,(Institute of Applied Mechanics, National Taiwan University) , Lung-Jieh Yang, (Department of Electro-Mechanical Engineering, Tamkang University), Taiwan, China , "MEMS & Nanotech in Taiwan---Status of 2006"
16. Geoffrey Beardmore, (Myriad Technology), United Kingdom , "UK Country Review 2006 "
17. Michael Gaitan, (NIST), USA , "Country Review USA "

Session : Strategy, and Cooperation (6)

18. Hans-Hartmann Pedersen, (EU) , "European Research Towards a NMT based Manufacturing Industry"
19. Thomas Gessner, (Germany) , "Fraunhofer IZM - MEMS Cooperation with China"
20. Albert van den Burg, (Benelux) , "Start-up companies in Benelux"
21. Grace Ji, (Invest Australia Beijing Office), China , "Investing in Australia"

22. Wen J Li, (HongKong, China) , "Recent MEMS and Nanotech R&D Activities in Hong Kong"

Session : Infrastructures and Education(7)

23. Bruce Alton, (Canada) , "The Status of independent Foundries in the World MEMS Industry "

24. Jing Cheng, (CapitalBio), China , "The Development and Commercialization of Biochips in China"

25. Ron Lawes, (Imperial College London),The UK MNT Network - Contributing to Global Success

26. Long-Sheng Fan, (Taiwan, China) , Nanotechnology and Microsystem Education in Taiwan – From K to 12 & Beyond

27. Shanhong Xia, (IECAS) , "Microsensors and Microsystems –MEMS research at IECAS"

28. Young-Ho Cho, (Korea) , "Bio-inspired N/MEMS Research at Digital Nanolocomotion Center"

29. Alexander Hariz, (University of South Australia) , "Activities at the University of South Australia"

Session : Market, Industrialization and Standardization (9)

30. Henning Wicht, (Germany) , "MST/MEMS market forecast 2005 - 2009: conclusions from the Nexus analysis"

31. Ma Chien-Yung, (Touch Micro-system Technology Corp.) , " MEMS industrialization in Taiwan and evolution in foundry model "

32. K. Aoyagi, (Micromachine Center) , "Towards advancement of MEMS industry in Japan"

33. Dr. Clifford Fung, (MEMS Industry Group) , "Mems Industry Perspective on Remaining Technical Challenges In MEMS"

34. Sean Neylon , (NEXUS) , "Overview of Latest Nexus Market Analysis and Road Mapping Activities"

35. Luis Fonseca, (CNM-IMB (CSIC)) , "Good Food: Food Safety and Quality with Microsystems"

36. Sen Han, (VECCO) , "Testing and Characterization of MEMS/MOEMS"

37. Li Gong, (Suss MicroTec) , Germany , "Low Temperature Wafer Bonding"

38. JinShan Wang, (JINSHAN Co.), China , "Jinshan Science & Technology"

Session : To Nano-technology (8)

39. Thomas Cellucci, (Zyvex corporation) , Zyvex , "Nanotechnology without the Hype"

40. M. Terada, (OLYMPUS CORPORATION) , "Nano-Bio MEMS technology for Medical

Application”

41. K. Kyuma, (MITSUBISHI ELECTRIC CORPORATION) , “Micro/Nano Technologies at Mitsubishi Electric Corporation”

42. Yonhua Tzeng, (National Cheng Kung University) , “Nano Mark” Program and Its Impacts on Nano-enabled Industries”

43. Xinxin Li, (China) , “From MEMS to NEMS: What would be the Scientific and Technical Linkage”

44. K. Imanaka, (OMRON Corporation) , “Micro & Nano Technology in Japan- Example of Omron Corporation ”

45. Jianning Ding, (Jiangsu University, China) , “Current Major Researches in the Center for Micro/Nano Science and Technology of Jiangsu University”

46. Wendong Zhang, (North University of China), China , “Research on NEMS devices”

Session : Innovative Technology (6)

47. Chris Van Hoof, (Benelux, The HOLST Centre) , “Autonomous Microsystems and System-in-Foil Technologies”

48. Kevin Liddiard, (Australia) , "New Generation Infrared Security Sensors",

48. Pietro Siciliano, (Mediterranean) , "Innovative emerging concepts and technologies in chemical sensing"

50. Androula Nassiopoulou , (Mediterranean)"Silicon sensors, microfluidics and on-chip RF integration using nanostructured silicon"

51. Zhihong Li, (Peking University, China) , “Introduction to MEMS Center, Institute of Microelectronics”

52. Paolo Dario, (SSSA – CRIM Lab), Mediterranean , ”Micromachines for Endoluminal Surgery”