BSAC Fall 2003 IAB Summary

John Huggins, Executive Director

Announcements

Highlights

Membership

Brief Financials

Refer to State of Center Report for Details

Announcements

• See Registration for
  • Parking Problems, Payment Receipts, Messages, Lost Cars, ….
• Member-Only IAB Session Wednesday
  • 120 Bechtel 8-11:30
• NEW: Member Poster Session Wednesday
  • Sandwich Lunch
  • 120 Bechtel 12-2
• Other Announcements

• Members- NSF Feedback Forms Please
  – Technical Papers BLUE
  – Poster Ballots YELLOW Poster Map in Blue Folder
    • Afternoon posters will be removed prior to Wine Tasting
    • HALF the Posters are Presented in each Poster Session
Outstanding Papers/Posters Spring 2003

Best Research Papers

• Eric Hobbs (APP)
  “Reverse Capillary Action Constant Pressure Accumulation Device”

• Alyosha Molnar (KSJP)
  “Ultra-Low Power Radio Tranceiver”

• Hyuck Choo (RSM)
  “3-D Refractive Microlenses and Lenslets”

Best Posters

• Stefan D. Zimmerman (DL/LWL)
  “Continuous In-Vitro Minimal Invasive Micro Glucose Monitor”

• Eric Hobbs (APP)
  “Reverse Capillary Action Constant Pressure Accumulation Device”

Worth Noting

• NSF I/UCRC Charter Renewal thru 2008
• 22 Papers at Transducers 03
• Membership Stable/Starting to Grow
• First Regional IAB (Tokyo June)
• BioNanoTech Laboratory Groundbreaking
• N.Tien promoted to ECE Dept. Chair (Davis)
UC Berkeley Sensor & Actuator Center
MEMS Industry/University Cooperative Research Center

- 124 Graduate Researchers
- 34 Faculty & Faculty Directors
- 32 Industrial Members
- 13 Infrastructure Staff
- Multi Disciplinary Collaboration
  Bio, Electrical, Mechanical Engineering +
  Materials/ChemE/Computer Science/
  MicroElectronics

BSAC Research Areas
110 Total Projects, 21 New or Redirected Since Fall 03

BSAC Research Area Rankings Fall 03
Berkeley Sensor & Actuator Center
Industrial Members

Analog Devices
Alza
Intel
Honeywell
Livermore Natl Labs
Chevron Texaco
Corning Intellisense
Draper Labs
Discera
Eastman Kodak
Gillette
Harris
Hughes Research Labs
Raytheon
Sandia Nat’ Labs
Seagate
Shure
Suss MicroTek
Textron
Therafuse
Timken
Zyvex

Bosch
Siemens
GlaxoSmith Kline
Omron
Samsung
Sharp
Sony
TDK
Yamatake
A Star

New=TDK Corporation; Departed=Becton Dickenson

Membership History

BSAC Historical Membership (approximate)

Fiscal Year

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BSAC Income FY 2003  (Total = $15,547,208)

- Federal: $12,700,499
- State: $152,911
- Membership: $1,377,085
- Gifts: $253,427
- Research: $1,063,371

Technical Paper Session I

15 Minute Papers w/3 minute Q&A