

Noise Control & Acoustics Division

Established as a division in 1981

Vision and Mission

Encourage, focus, and further the development and application of noise control and acoustics principles to multidisciplinary engineering. The program will also provide a balance between the theoretical studies of acoustics and its applications in terms of noise control engineering.

Membership

| | |
|-----------------------------|----------------|
| Primary Members | |
| 2001 | 670 |
| 2002 | 663 |
| 2003 | 698 |
| Industry | 396 |
| Government | 45 |
| Academe | 257 |
| | (185 Students) |
| Liaisons to ASA, INCE, AIAA | |

Honors and Awards

- Society Level
- Per Bruel Gold Medal
- Division Level
- Rayleigh Lecture (Distinguished Invited Lecture)
 - Best Paper (NCAD Sessions)
 - BS/MS Paper Competition

Educational Activities

- Invited Tutorials at IMECE
 - 2000 Acoustic Holography
 - 2001 Statistical Energy Analysis
 - 2002 Boundary Element Methods
 - 2003 Modal Analysis
- Annual Forum at IMECE on Emerging Topics in NC&A by tech. comm. Chairs
- 14-20 sessions typically at IMECE, 45-60 peer reviewed papers plus 5 transportation track sessions
- Developing evaluation benchmarks for computational tools

Technical Committees

- Active Noise Control
 - Chair, Jeffrey Vipperman, PhD (jsv@pitt.edu)
- Aero / Hydro Acoustics
 - Chair, Michael L. Jonson, PhD, PE (mlj@wt.arl.psu.edu)
- Structural Acoustics
 - Chair, Stephen A. Hambric, DSc (sah19@psu.edu)

Publications

- ASME Transactions Journal of Vibration & Acoustics – 3 NCAD Associate Editors
- One conference proceedings on CD-ROM from IMECE sessions
- Publication of tutorial materials in NCAD section of ASME.ORG
- Publication of 1 or 2 newsletters per year

Areas for Collaboration

- Eager to co-sponsor symposia with other divisions at IMECE
- Pursuing development of symposia at other ASME conferences
- Greater emphasis on NC&A in concurrent eng design process

Executive Committee, '04-'05

Chair, Sheryl M. Grace, PhD
(sgrace@bu.edu)

Vice-Chair, Richard C. Marboe, Ph.D.
(rcm4@psu.edu)

Sec/Treas, Kenneth D. Frampton, Ph.D.
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Member, Joseph Gavin, PhD
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