

Recommendations

- Domestic follow-up workshop(s)
 - Hilton Head rump session on select topics
 - MRS Boston Nov'05
 - IEEE Sensors Anaheim Oct'05
 - ASME Congress Orlando Nov'05
 - Commercialization of MEMS in U.S. in 2006 (70% MEMS)
- Global follow-up
 - Already have microsystems majors in Europe and Japan, a lot to learn from across the ponds
 - MEMS'05 session or add-on workshop for global discussion

Recommendations

- Systematic sharing of course content
 - Grass roots
 - Educators: If no one profits, can we just share legally via web or ftp? (taking care to cite sources)
 - Educators: Image gallery of devices (alternate view to published images if needed)
 - Industry: Image gallery from industry (e.g. Sandia)
 - Publishers: permission to share content/images in lectures (IEEE/ASME/Elsevier)?
 - Funding agencies and Industry groups: formal clearinghouse for content, based on OpenCourse model at MIT

Recommendations

- Identity crisis
 - Focus on miniaturization and systems integration, scaling issues first
 - Professional Societies and Funding Agencies help divide the community
 - e.g. New nano initiative in ASME is largely comprised of what we thought were “MEMS” folks
 - MEMS Industry group and/or this workshop: lobby Congress to write funding bills that are friendlier to educational component while retaining missions. Some of the best players (students/faculty) won't play the DARPA game because they can't level their funding and manage risk vs. responsibility to educate PhD's. Ultimately quality of work and workforce will suffer.