

# People

1. **Oliver Brand (Gatech)**
2. **Shari Farrens EV Group**
3. **Gil Hawkins (Kodak)**
4. **Mike Judy (ADI)**
5. **Joel Kubby (UC Santa Cruz)**
6. **Mark Sheplak (UF)**
7. **Carol Steele (USF)**
8. **Carl Stahle (Goddard)**
9. **Bob Warrington (Mich Tech)**

# Working Lunch Report: Priorities

1. **Applications and sensors basics**
  - MEMS/conventional transducers, overview of xdcr physics, performance basics, measurement lab involving data analysis (uncertainty analysis), design of exp.
2. **Hands-on fabrication**
  - Understanding of design/process limitations along with lecture
3. **Design background and methodologies**
  - Basics of various physical domains, scaling, LEM, numerical techniques, constrained (\$, fab, etc.) optimization with tolerances
4. **Design (team) specified application through system**
  - Understanding of design levels and various interactions
5. **Balance between depth and breadth**
  - Strong basics in math/physics for lifelong learning, breadth of big picture...EE, ME, Mat Sci., Bio.?
6. **Professional issues**
  - Patents, case studies (success/failure), economics as applied to manufacturability/trade-offs

# **Report: *Integrating Foundry Runs into Courses***

- **Challenges**
  - **Cost: bang for the buck?**
  - **Time investment for students/faculty: Sp/Su/Fa?**
  - **Logistics: what if?**
  - **Conveying physics behind design rules**
- **Best Practices**
  - **Constrained design optimization problem through system**
  - **Design/implement experiment, failure modes, correlate design with physical device**
  - **Interactive virtual processing**
  - **Interaction with foundry, guest lectures**