



Preliminary Program 5/22/03

Tufts Seventh Annual Thermal Manufacturing Workshop

Enhancing industry-academic collaborations focused on today's challenges in the thermal-fluid aspects of materials processing and manufacturing

Challenges in Manufacturing and Real-World Applications

Thursday – June 12, 2003

Tufts University - Anderson Hall – Medford, Massachusetts

- 8:00-8:45** **Registration & Continental Breakfast** (*Burden Lounge*)
- 8:45-9:00** **Getting Started** (*Nelson Auditorium*)
Welcome, Introductions and Outline of the Day – A. Saigal (Tufts)
- 9:00-10:20** **Manufacturing Challenges in Product Design**
- Precision Motion Products** – Chad Joshi (Energen)
 Micro Tools – Donna Bibber (MTD)
 Multiphysics Modeling of Industrial Problems Using FEA – Philip Byrne
 (FEMLAB/Comsol)
- 10:20-10:30** **Break**
- 10:30-11:15** Keynote Talk - Jonathan Rosen (CIMIT)
 Up Close and Personal: The CIMIT Technology Implementation Program
 Introduction by A. Levine (Seedling Enterprises)
- 11:15-12:30** **Manufacturing Challenges in Packaging and Forming**
- Issue in Electronic Packaging** – M. Zimmerman (Quantum Leap Technologies)
 Trials and Tribulations of Polymer Manufacturing – Wayne Hughes (Steralon, Inc.)
 The Form and Function of Medical Device Packaging Design– Greg Dahl
 (Dahl Packaging Associates)
- 12:30-1:30** **Lunch** – *Burden Lounge*
- 1:30-2:00** **Tufts Initiatives** – J. O’Leary (Tufts)
 Senior Design Projects
- 2:00-2:30** **Feedback & Next Steps Discussion** – Moderator V. Manno (Tufts)
- 2:30** **Adjourn & Refreshments** (*Burden Lounge*)

Sponsored by FEMLAB/COMSOL and Tufts University Thermal Manufacturing Group

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