

# MIT Manufacturing Summit

## New Directions for Manufacturing Research and Education



# Manufacturing at MIT

Looking Back  
&  
Looking Forward

# Post War Era

- Focus on Science in Engineering
- Mechanics - Materials - Machining
- Education and Research at MIT?

- Glen Pearson, Eastman Kodak Company, and SME Foundation
- Ed Constantine, CEO and Founder, Simpler, Inc.
- Gerald Graves, Sr. Vice President, Advanced Technology Institute

# Computer/ Automation Era

- CNC and Advanced Machine Control
- Automation
- Enhanced Coordination and Monitoring
- Education and Research at MIT?

# Competitiveness Concern Era

- Quality
- Time to Market
- Appropriate Use of Automation Technology
- Education and Research at MIT?

# Supply Chain Era

- “Dis-Integration” of Companies
  - Suppliers as Partners
- Use of Chain to
  - Decrease Response Time
  - Concentrate on Core Competence
  - Distribute Risk
- Education and Research at MIT?

# Globalization Era

- Global Partnerships and Supply Chains
- Global Competence
- Education and Research at MIT?