

# SPRING SYMPOSIUM PROGRAM

## *"Funding Innovation: Leveraging Intellectual, Human and Federal Resources"*

Wednesday, June 4, 2008

Olin Hall 107

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- 7:15 a.m.     **Registration and Continental Breakfast**  
Campus Center, Front Entrance Lobby
- 8:00 a.m.     **Welcome and Opening Comments**  
*John A. Orr (Provost, WPI)*  
*John Jorstad (JLJ Technologies), Steve Udvardy (NADCA)*
- Timeline and Context**  
*Diran Apelian (WPI/MPI)*
- Leveraging Intellectual Resources**
- 8:45 a.m.     **"Process IQ: A Status Report on its IR Testing Technology"**  
*Souheil Benzerrouk (Process IQ Inc.)*
- 9:15 a.m.     **"Revolutionary Die Casting Technology, That Relies on  
Strontium Instead of Iron to Avoid Die Soldering and  
Produces Permanent Mold Properties"**  
*Ray Donahue, Kevin Anderson (Mercury Marine)*
- 9:45 a.m.     **"From CRP to Low Temperature Casting (LTC)"**  
*Beni Aschmann (Buhler)*
- 10:15 a.m.    Break
- Leveraging Human Resources**
- 10:30 a.m.    **"Preparing our Engineering Graduates for a Globalized  
Business: Three Engineering Cultures in Academia and  
Industry: Padova University, WPI, Aluminium Rheinfelden  
GmbH"**  
*Alois Franke (Aluminum Rheinfelden)*
- 11:00 a.m.    **"University-Industry Partnerships: Contech's Perspective"  
and Experience"**  
*Brian Szymanowski (Contech)*

11:30 a.m. **"Building the Pipeline for Human Resources: A Long-Term Vision"**

*Adam Kopper (Mercury Marine, Jeff Webster (wTe), Leigh Duren (Nichols Portland)*

12:00 p.m. Lunch

### **Leveraging Federal Resources**

1:00 p.m. **"Collaboration in Federal Support: wTe Case Study"**

*David Spencer (wTe)*

1:30 p.m. **"NSF SBIR/STTR Program Elements"**

*Rathindra DasGupta (NSF)*

2:00 p.m. **"An Overview of the Technology Innovation Program (TIP)"**

*Margaret Phillips (NIST TIP)*

### **Leveraging Industry Association Resources**

2:30 p.m. **"Technology Transfer – The Critical Link"**

*Thomas Prucha (AFS)*

2:50 p.m. **"NADCA Resources Orchestrates Industry Innovation"**

*Dan Twarog (NADCA)*

3:20 p.m. **Closing Comments**

*Diran Apelian (WPI/MPI)*