



# SESSION MONITOR INFORMATION AND APPLICATION

AISTech 2007

May 7 - 10, 2007

*Deadline for submitting application is April 13, 2007*

***Expand Your Industry Network and Earn Money as a Session Monitor***

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

STUDENT STATUS:    Under-Graduate    Graduate    Ph.D.    Post Doc.    Other

ADDRESS: \_\_\_\_\_ AIST MEMBER #: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

- Session monitors will be paid \$50 per session within thirty (30) days following the Conference.
- Session monitors are responsible for checking attendee badges, recording session attendance, assisting the session chair, and other duties as assigned by AIST staff or session chairs.
- Session monitors must be a student and must provide a copy of valid student identification with this agreement.
- Session monitors must pre-register by April 13, 2007 (Student rate for members is free. Student rate for nonmembers is \$25). Nonmembers will receive membership to Material Advantage Student Program through 2007. Please visit [www.materialadvantage.com](http://www.materialadvantage.com) for more information.
- Session monitors must attend the complimentary "Author/Chair Breakfast" from 7:00 a.m. to 8:00 a.m. each morning he/she is scheduled to monitor that day.
- Session monitors must check in and out of each session with the session chairs.
- Session monitors cannot leave their posted position without notifying AIST staff or the session chair.

I am interested in working as a session monitor at AISTech 2007 in Indianapolis, IN and agree to the information and terms listed above.

\_\_\_\_\_  
Applicant's Signature

I feel that the above student would be a responsible and suitable candidate for the Session Monitor position.

\_\_\_\_\_  
Professor's Signature

Applicants will be contacted by an AIST staff member following review of all applications received by the deadline. All sessions will be filled on a first come, first served basis.

***Fax this application (2 pages), along with a copy of valid student identification to Ken Landau at 724-776-1880 by April 13, 2007.***

## **AISTech 2007 Session Monitor Information and Application**

I am interested in working as a monitor. Please make every attempt to schedule me for the following checked sessions:

### **Monday Morning, May 7, 2007**

- 8:00 am to 9:00am

- Howe Memorial Lecture

- 9:30 am to Noon

- Five (5) 20-25 minute presentations per topic:

- Coke Plant Technology
- Blast Furnace Operations
- Sintering
- EAF Process Technology
- Radiation, Mediation & Improvement
- Tapping and Carry-Over Control
- Mold Monitoring and Heat Transfer
- Sheet Rolling
- Long Products Rolling
- Senior Project Presentations
- Modeling
- Equipment Reliability
- General Environmental Issues

### **Monday Afternoon, May 7, 2007**

- 2:00 pm to 5:00 pm

- Six (6) 20-25 minute presentations per topic:

- Coal Technology
- Blast Furnace Campaign
- Pellets
- Blast Furnace Environmental Technology
- EAF Process Control
- Melt Shop Operations
- Blowing, Stirring and Slag Formation
- Vacuum Degassing
- Caster Configurations and Practices I
- Hot Rolling
- Process Lines I
- Long Products Rolling
- Finishing
- On-Line Sheet Measurement
- Process Reliability Techniques

### **Tuesday Morning, May 8, 2007**

- 8:30 am to 11:30 am

- Town Hall Forum

### **Tuesday Afternoon, May 8, 2007**

- 2:00 pm to 5:00 pm

- Six (6) 20-25 minute presentations per topic:

- Coke Quality and Iron Making
- Blast Furnace Equipment and Facilities
- Raceway Phenomena
- EAF Equipment
- Refining and Casting of Stainless Steels
- Charge Models & End Point Control
- Ladle Refractories
- Caster Configurations and Practices II

### **Tuesday Afternoon, May 8, 2007 -Continued-**

- 2:00 pm to 5:00 pm

- Six (6) 20-25 minute presentations per topic:

- Secondary Cooling & Strand Containment
- Roll and Roll Technology
- Plate Rolling
- Automated Systems for the Steel Industry
- Lubrication Systems
- Completed Projects
- Panel Discussion: Energy Outlook and the Steel Industry

### **Wednesday Morning, May 9, 2007**

- 8:00 am to 9:30 am

- President's Award Breakfast

- 10:00 am to Noon

- Four (4) 20-25 minute presentations per topic:

- Coal Supply Issues
- Blast Furnace Hearth
- Alternative Ironmaking I
- Electrical Control Systems for EAF's
- Environmental
- Strip Casting & Solidification Structure
- Process Lines II
- Roll Management Tracking Systems
- Inclusion Analysis – Developing Technology
- Sensors and Instrumentation
- Computer Applications
- Cranes
- Reliability Achievement Awards
- Construction Management
- Effluent Control

### **Wednesday Afternoon, May 9, 2007**

- 2:00 pm to 5:00 pm

- Six (6) 20-25 minute presentations per topic:

- Blast Furnace Modeling and Analysis
- Alternative Ironmaking II
- Blast Furnace Cooling Panel Discussion
- EAF Process & Operations
- Melting and Finishing of Stainless Steel
- Maintenance and Refractories
- Ladle Metallurgy and Refining
- Mold Coatings, Flux Feeding & Oscillation
- Flat Products Metallurgy
- Round Table – Roll Management Systems
- Electrical Engineering
- Panel Discussion – Mill Building Design
- Automation
- Fluid Reliability
- Project Planning and Execution Tools