



ADVANCING THE TECHNICAL DEVELOPMENT, PRODUCTION, PROCESSING AND APPLICATION OF IRON AND STEEL

AIST Fall Meeting Notice / Agenda Electrical Applications & Sensor Systems Technology Committee

Date: 15 – 16 October 2019
Location: Nucor Steel Tuscaloosa
1700 Holt Road NE
Tuscaloosa, AL 35404

Hotel Arrangements

Hampton Inn – Tuscaloosa University
600 Harper Lee Dr.
Tuscaloosa, AL 35404

Ask for the Nucor Tuscaloosa Room Rate of US \$102.00

For reservations, call +205.553.9800

AIST technology committee members are asked to print out the latest revised meeting agenda from our website one week prior to this meeting.

Tuesday October 15, 2019

Meeting will be held in the Iverson Training Room at Nucor Steel, and available through the mill safety entrance located at address: 1700 Holt Rd NE, Tuscaloosa, AL 35404

1. *Chair's opening remarks - Ramesh Khajjayam* **<9:00 a.m.>**
The main focus topics of this meeting will be Women in Steel, University Relations, and Young Professionals.
2. *Appoint minute-taker*
3. *Antitrust guidelines*
4. *Membership and attendance*
5. *Review minutes of previous meeting*
6. *AIST Staff Announcements*
7. *Main agenda items*
 - *AISTech session development - Poojit Lingam*
 - *Selection of Abstracts (Due by 16 Sept)*
 - *Determine session structure (Due by 30 Oct) including session titles & session chairs*
 - *Review Papers Chair and Session Chair instructions*

Break

<10:15 a.m.>

8. Main agenda items, continued

- *Finalize call for papers for next year, [Currently this reads](#)
"Design, application, and/or engineering of power quality and distribution; AC/DC motor/drive technology; HMI systems; open architectural systems and other networks; electrical maintenance and electrical safety applications; and electrical upgrades/retrofits."*



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Application of sensors for process control; efficiency and cost-effective solutions; on-line and off-line shape and flatness measurement; mechanical properties testing; automated surface inspection; oil thickness measurement; surface cleanliness; soft sensors (i.e., modeling of a variable that cannot be measured directly); and other unique sensors that provide new and innovative uses to the primary and finishing sides of the steelmaking process.”

- *AIST Leadership Conference – Solicit any discussion items/concerns from the TC to be discussed at the LDC - Ramesh Khajjayam*

LUNCH

<Noon>

9. Main agenda items, continued

- *IEEE/EATC discussion – Ongoing cooperative effort between the IEEE Metals Industry Committee and EATC- Ramesh Khajjayam*
- *Technology committee Farrington Award planning - Poojit Lingam*
- *Technology Training conference (Digital Transformation 2020 and Electrical Engineering 2020)- Ramesh Khajjayam and [EATC: Training Subcommittee](#)*

Break

<2:30 p.m.>

10. Discussions from Digital Transformation Committee Liaisons – Liwei Zhang, Christopher Burnett, and Ramesh Khajjayam

11. Presentation items

- a. Nucor Technical Academy – Justin Knight, Training Director, Nucor-Tuscaloosa
- b. Young Professionals Development-A Case Study – Tim Burttram, Manager, Electrical Engineering, Big River Steel
- c. Innovation and Education: The Benefits of Collaboration between Academia and Industry – Tyamo Okosun, Ph. D, Research Engineer, Purdue University Northwest

12. Next meeting

13. Chair conclusion

14. Adjourn

<4:00 p.m.>

Wednesday October 16, 2019

Tour of Nucor-Tuscaloosa

1. *Arrive for Safety discussion at the Guard Shack / gate*
2. *Proceed to Iverson Training Room, tour begins*
3. *Adjourn*

<8:30 a.m.>

<Noon>



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Antitrust Compliance

Antitrust law prohibits agreements or understandings between two or more individuals or businesses to regulate prices or quantities of goods and services, to allocate customers or territories, to hinder or limit a competitor or potential competitor's operations, or otherwise unreasonably restrain business activity. Discriminatory pricing or servicing is also prohibited.

Every individual who participates in AIST meetings and activities should follow these guidelines:

- DON'T discuss with other members your own or competitors' prices, pricing procedures, or anything that might affect prices such as costs, discounts, terms of sale, or profit margins, or anticipated wage rates.
- DON'T make announcements or statements about your own prices or those of competitors.
- DON'T talk about what individual companies plan to do in particular markets or with particular customers.
- DON'T disclose to others any competitively sensitive information.
- DON'T propose or agree to any action intended to disadvantage or injure another company.
- DON'T stay at a meeting or activity where any such anti-competitive talk occurs.
- DO have an AIST staff person present at any meetings and insist on the agenda being followed and minutes kept.
- DO confer with AIST staff before making any statement with competitive ramifications.

It is incumbent upon all AIST members to adhere to these guidelines to avoid putting all parties and their respective companies at risk for antitrust law violation.

Anti-Harassment Policy

The Association for Iron and Steel Technology (AIST) is dedicated to providing harassment-free events for everyone, regardless of age, race, religion, disability, gender, gender identity or sexual orientation. We do not tolerate harassment in any form of anyone attending an AIST event.

Harassing behaviors include: offensive verbal comments related to age, race, religion, disability, gender, gender identity or sexual orientation; the use or display of sexual images, activities or commentary in public spaces; deliberate intimidation; stalking or following; harassing photography or recording; sustained disruption of events; or inappropriate physical contact.

Participants asked to stop any harassing behavior are expected to comply immediately. Participants violating this policy may be sanctioned or expelled from the event or the membership at the discretion of the AIST leadership.