

Technology Committee News and 2015 Awards

In addition to the AIST Board of Directors Awards, each of the nine Technology Divisions has established these awards to be presented at various AIST venues, including a technical session at AISTech or MS&T, a Technology Committee meeting or Technology Training Conference, or a Member Chapter event. Following are the latest recipients for each award, as well as highlights from committee meetings that took place at AISTech 2015 in Cleveland, Ohio, USA.

I. Safety & Environmental Technology Division

Safety & Health Technology Committee (SHTC)

Mission: "To promote loss prevention principles in the steel industry through the sharing of information and expertise of health and safety professionals."

SHTC 2015–2016 officers:

- Chair — **Barry Momyer**, AM Health & Safety Inc.
- Vice chair — **Joanne Zaraliakos**, U. S. Steel Canada – Hamilton Works
- Papers chair — **Malcom Dunbar**, Edw. C. Levy Co.
- Members chair — **Robbie Woods**, California Steel Industries Inc.
- Education chair — **Brad Bray**, California Steel Industries Inc.
- APB® chair — **Butch Collins**, Nucor Steel Gallatin

SHTC meeting highlights:

The SHTC discussed its objectives for the coming year. Also discussed was an AIST Safety Certification program.

The 2015 Safety and Health Fundamentals Technology Training Conference will be held in Indianapolis, Ind., USA, on 1–3 September 2015. Steel Dynamics Inc. – Engineered Bar Products Div. will serve as host plant.

The 2015 Mexico Safety and Health Conference will be held in Monterrey, N.L., Mexico, on 1–3 December 2015. Six

SHTC producer representatives will give presentations at this first international safety and health conference: Brad Bray and Robbie Woods, Butch Collins, **Justin Hoover** of Steel Dynamics Inc., **Jeff Adams** of CMC Americas, and Joanne Zaraliakos. Three previous Don B. Daily Award winners will also give presentations: **Matt Moore** of Harsco, Malcom Dunbar and Butch Collins.

Butch Collins gave an update on the Steel Industry Fatalities status. Collins gave a presentation before the AIST Board of Directors requesting that the Steel Industry Fatalities report be posted on AIST.org.

Safety First articles were solicited from SHTC members for publication in *Iron & Steel Technology*.

The SHTC discussed the "safety aisle" for the AISTech 2016 Exhibit Hall in Pittsburgh, Pa., USA. Safety vendors will be approached for a commitment to participate.

Next SHTC meeting:

1 September 2015, Indianapolis, Ind., USA, prior to Safety and Health Fundamentals Technology Training Conference

SHTC Outgoing Chair

The 2015–2016 SHTC officers were recognized at AISTech 2015 (left to right): Robbie Woods, Joanne Zaraliakos and Malcom Dunbar.



Environmental Technology Committee (ETC)

Mission: "To support the steel industry by disseminating information on environmental technology and issues through educational programs for the steelmaking community; assisting in the understanding of applicable regulations and the minimization of environmental impact; and providing an open forum for the exchange of technology and information."

ETC 2015–2016 officers:

- Chair — **Conrad D'Costa**, ArcelorMittal Dofasco Inc.
- Vice chair — **Dave Gilles**, Sage Environmental
- Paper chair — **Mike Allen**, CLARCOR Industrial Air I BHA
- Conference chair — **Kevin Deliman**, Baltimore Aircoil Co.

ETC meeting highlights:

The ETC discussed the 2015 Environmental Solutions: System Optimization Technology Training Conference, which will be held on 1–3 November 2015 in Charleston, S.C., USA.

Next ETC meeting:

1 November 2015, Charleston, S.C., USA, prior to the evening reception for Environmental Solutions: System Optimization Technology Training Conference



ETC Outgoing Chair

Conrad D'Costa (right) presented the ETC service plaque to Dejan Zrelec (left).

Environmental Technology Award

Peter Dahlmann, executive member of the managing board, Steel Institute VDEh, Düsseldorf, Germany

Hans-Bodo Lungen, senior manager operation unit technology, Steel Institute VDEh, Düsseldorf, Germany

Jean-Theo Ghenda, EUROFER, Brussels, Belgium

Martin Wörtler, senior partner and managing director, The Boston Consulting Group, Stuttgart, Germany

Felix Schuler, partner and managing director, The Boston Consulting Group, Munich, Germany

Nicole Voigt, principal, The Boston Consulting Group, Düsseldorf, Germany

Torben Schmidt, consultant, The Boston Consulting Group, Hamburg, Germany

"Steel's Contribution to a Low-Carbon Europe: 2050 Technical and Economic Analysis of the Steel Sector's CO₂ Abatement Potential"

Dejan Zrelec (right) presented the 2015 Environmental Technology Award to Hans-Bodo Lungen (left).



To learn more about this and other AIST awards, visit AIST.org.

II. Cokemaking & Ironmaking Technology Division

Cokemaking Technology Committee (CMTC)

Mission: "To provide a forum for the exchange of information, experiences, and ideas to help sustain and improve the competitive operation of the cokemaking facility through the safe development and execution of industry best practices in both the maintenance and operations areas of cokemaking and byproducts processing."

CMTC 2015–2016 officers:

- Chair — **Sam Sheyn**, AK Steel Corp. – Middletown Works
- Vice chair and Cokemaking Roundup chair — **Matt Krauter**, ThyssenKrupp Industrial Solutions AG
- Papers chair — **Mike Best**, Shenango Inc.
- Members chair — **Jack Burnside**, AKJ Industries Inc.
- APB® Cokemaking chair — **Mohammed Elbeitam**, DTE Energy Services
- Cokemaking Byproducts Roundup chair — **Nick Morrison**, GE Power & Water
- Producer-only chair — **Natalia Muntean**, DTE Energy Services

CMTC meeting highlights:

Mike Best reviewed the technical sessions at AISTech 2015.

Next CMTC meeting:

1–2 October 2015 (tentative)

CMTC Outgoing Chair

Rob Carlin (left) presented the CMTC service plaque to Sam Sheyn (right).

Joseph Becker Award

William H. Becken, general manager, coke technology, DTE Energy Services/EES Coke Battery LLC, River Rouge, Mich., USA

Josef S. Kapitan Award for Cokemaking

Robert Leighton, operations turn manager — heating and patching, EES Coke Battery LLC, River Rouge, Mich., USA

Robert H. Carlin, general manager — assets, DTE Energy Services, River Rouge, Mich., USA

Michael Shafer, business unit manager — technology, DTE Energy Services, River Rouge, Mich., USA

"Prevention of Tie-Rod Failures and Battery Top Damage With Thermal Imaging Program"

The 2015 Josef S. Kapitan Award for Cokemaking was presented at AISTech 2015 (left to right): Michael Shafer, Sam Sheyn, Robert Leighton and Rob Carlin.



To learn more about this and other AIST awards, visit AIST.org.

Ironmaking Technology Committee (IMTC)

Mission: "To provide members with information regarding ironmaking manufacturing to include developing technologies, maintenance, and process and operating information."

IMTC 2015–2016 officers:

- Chair — **Al Dzermejko**, Magneco/Metrel Inc.
- Vice chair — **Stuart Street**, AK Steel Corp. – Dearborn Works
- Papers co-chairs — **Mike Riley**, Praxair Inc., and **Mike Pomeroy**, ArcelorMittal Dofasco Inc.
- Membership chair — **Ryan Hershey**, Vesuvius USA

IMTC meeting highlights:

The IMTC discussed the AISTech 2015 technical sessions and gave their feedback.

A subcommittee was formed to determine if a "best presentation" award can be made available to present on behalf of the IMTC.



IMTC Outgoing Chair

Al Dzermejko (left) presented the IMTC service plaque to Charles Copeland (right).

J.E. Johnson Jr. Award

Michael Pomeroy, process improvement specialist — ironmaking manufacturing technology, ArcelorMittal Dofasco Inc., Hamilton, Ont., Canada

Charles Copeland (left) presented the 2015 J.E. Johnson Jr. Award to Michael Pomeroy (right).

Thomas L. Joseph Award

Edward M. O'Donnell, retired, U. S. Steel – Gary Works, Tinley Park, Ill., USA

Josef S. Kapitan Award for Ironmaking

Prvet Kowitzarangkul, lecturer and researcher, The Sirindhorn International Thai-German Graduate School of Engineering, Bangkok, Thailand

Alexander Babich, senior researcher, leader of Ironmaking Group, and lecturer, Department of Ferrous Metallurgy, RWTH Aachen University, Aachen, Germany

Dieter Senk, chair for iron and steel metallurgy, RWTH Aachen University, Aachen, Germany

"Reduction Kinetics of Self-Reducing Pellets of Iron Ore"

Charles Copeland (right) presented the 2015 Josef S. Kapitan Award for Ironmaking to Alexander Babich (left).



To learn more about these and other AIST awards, visit AIST.org.

DRI and Alternative Ironmaking Subcommittee (DRISC)

Mission: "To focus on the emerging market and technological trends for the production, handling and use of DRI and HBI products as well as present and future technology for alternative iron production."

DRISC 2015–2016 officers:

- Chair — **Angelo Manenti**, Tenova Core
- Vice chair — **Jeffrey Myers**, Midrex Technologies Inc.
- Papers chair — **Joseph Poveromo**, RMI Global Consulting

DRISC meeting highlights:

The DRISC reviewed the AISTech 2015 technical program, which by most accounts was well attended and successful. The DRI technical presentation most heavily attended was the application of EAF Experiences With DRI.

The 2016 DRI Roundup was discussed. The DRI Roundup will initially focus on the Americas and be limited to shaft furnaces. **Morteza Sadri** reviewed the status of the DRI Roundup questionnaire, which will be reviewed and revised one more time before being circulated for data input. While the revisions to the questionnaire are developed, a user's guide for filling out the questionnaire will also be developed by Sadri. The goal is to publish the DRI Roundup with the EAF Roundup in the January 2016 issue of *Iron & Steel*

Technology. Therefore, the roundup shall be submitted for publication by 1 November 2015.

The next DRI Seminar was discussed. The DRISC would like to host the Scrap Substitutes and Alternative Ironmaking symposium in the fall of 2016.

Discussion was held regarding how to make the DRISC a stand-alone Technology Committee. Mark Rosi of AIST said this process has already started but will be decided by the AIST Board of Directors. The subcommittee was encouraged to keep up with the work it has already started to demonstrate the viability and need to become an independent Technology Committee.

Next DRISC meeting:

19 October 2015, New Orleans, La., USA, including a tour of Nucor Steel Louisiana LLC's DRI plant

III. Steelmaking Technology Division

Electric Steelmaking Technology Committee (ESTC)

Mission: "To serve and support the ESTC members and the iron/steel industry by providing forums for technical information exchange, personal development and networking. The Electric Steelmaking Technology Committee will accomplish this vision through the development of a technical training seminar, AISTech annual conference and technically focused committee meetings."

ESTC 2015–2016 officers:

- Chair — **Stephan Ferenczy**, Steel Dynamics Inc. – Structural & Rail Div.
- Vice chair — **Gerry Gillen**, Nucor Steel–Indiana
- Papers chair — **Patrick Hansert**, Badische Stahl Engineering GmbH
- Roundup chair — **Steve Meyer**, Superior Machine Co. of SC Inc.
- Education chair — **Brett McGee**, Mid-Continent Coal and Coke Co.
- APB® chair — **Sam Matson**, CMC Americas

ESTC meeting highlights:

Brett McGee discussed the 2016 Modern Electric Furnace Technology Training Conference, which will be held in Jacksonville, Fla., USA, on 1–5 February 2016. Gerdau Long Steel North America Jacksonville will serve as the host plant.

The ESTC discussed its 2015 fall meeting, which will be held on Saturday, 29 August 2015 in San Antonio, Texas, USA, in conjunction with the Globe-Trotters Member Chapter annual meeting. See pages 238–239 of this issue for more information.

Next ESTC meeting:

29 August 2015, San Antonio, Texas, USA



ESTC Outgoing Chair

The ESTC service plaque was presented to Greg Buragino (left to right): Sam Matson, Stephan Ferenczy, Buragino, Gerry Gillen and Patrick Hansert.

Charles W. Briggs Award

Zane T. Voss, melt/cast metallurgist, Nucor Steel–Decatur LLC, Trinity, Ala., USA

Jason Adair, melting and casting day supervisor, Nucor Steel–Decatur LLC, Trinity, Ala., USA

Chris S. Davis, day melting/casting and refractory supervisor, Nucor Steel–Decatur LLC, Trinity, Ala., USA

Britt Parrish, melting supervisor, Nucor Steel–Decatur LLC, Trinity, Ala., USA

“Electric Arc Furnace Process Improvement and the Law of Unintended Consequences”

The 2015 Charles W. Briggs Award was presented at AISTech 2015 (left to right): Sam Matson, Stephan Ferenczy, Zane Voss, Greg Buragino and Gerry Gillen.



John Bell Award

Jeremy A.T. Jones, managing partner, CIX Inc., Clinton, Pa., USA

The 2015 John Bell Award was presented at AISTech 2015 (left to right): Stephan Ferenczy, Greg Buragino, Jeremy Jones and Sam Matson.



To learn more about these and other AIST awards, visit AIST.org.

Oxygen Steelmaking Technology Committee (OSTC)

Mission: “To serve the oxygen steelmaking industry by providing forums to learn about new and current technologies, discuss safe operating and maintenance practices, address environmental issues, as well as network globally with industry professionals of all disciplines.”

OSTC 2015–2016 officers:

- Chair — **Nenad Radoja**, Connors Industrial Inc.
- Vice chair — **Jerry Moscoe**, ArcelorMittal Indiana Harbor
- Papers chair — **Karim Alshurafa**, SMS USA LLC
- Membership chair — **Neal Pyke**, ArcelorMittal Dofasco Inc.

OSTC meeting highlights:

The OSTC Japan Study Tour was reviewed by **Mike Strelbisky**. He also provided an overview of the upcoming reciprocal tour being arranged for Japanese BOF producers to visit North American steel producers. The tour will be held

on 5–9 September 2015 and will include five BOF facilities and four EAF facilities. Concurrent with the proposed Japanese North American Study Tour will be a technical exchange between the Japanese delegates and representatives from the AIST Oxygen Steelmaking and Electric Steelmaking Technology Committees. The next OSTC International Study Tour is currently being planned and will include visits to either the three BOF facilities in the United Kingdom or the three BOF facilities in Scandinavia.

Next OSTC meeting:

9–10 September 2015, Chesterton, Ind., USA, to be co-located with the Japanese North American Study Tour

OSTC Outgoing Chair

Nenad Radoja (left) presented the OSTC service plaque to Jamie Lash (right).

Charles H. Herty Jr. Award

Jürgen Cappel, senior consultant, Iron & Steel, Cappel Stahl Consulting, Meerbusch, Germany

Wolfgang Urban, Hüttenwerke Krupp-Mannesmann GmbH, Duisburg-Huckingen, Germany

Matthias Weinberg, Hüttenwerke Krupp-Mannesmann GmbH, Duisburg-Huckingen, Germany

"Dephosphorization Strategies and Modeling in Oxygen Steelmaking"

The 2015 Charles H. Herty Jr. Award was presented at AISTech 2015 (left to right): Nenad Radoja, Jürgen Cappel and Jamie Lash.



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Specialty Alloy & Foundry Technology Committee (SAFTC)

Mission: "To serve and provide members producing stainless steel, specialty alloy steel, and foundry operations a forum for technical information exchange between producers and suppliers involved in these specialty markets through technical presentations, plant tours, and member networking to promote process advancements, cost-effective practices and safe operating procedures."

SAFTC 2015–2016 officers:

- Chair — **Mark Suer**, Special Metals Corp.
- Vice chair — **Tom Kantor**, Carpenter Latrobe Operations
- Papers chair — **Andy Pinskey**, Holland Manufacturing Corp.
- Education chair — **Allen Chan**, Praxair Inc.

SAFTC meeting highlights:

Allen Chan gave an update on the 2015 Specialty Alloy & Foundry Technology Training Conference, which was held on 20–23 July 2015 in Monroeville, Pa., USA. He reviewed the program outline and asked SAFTC members to solicit participation in the conference.

A joint study tour with the Steel Founders' Society will be held on 19–25 June 2016. The delegates will travel to Northern England to visit steel foundries and specialty steelmakers.

John Middleton of Multon Process Technologies discussed the program outline. The plans for the study tour will be finalized before the SAFTC's fall 2015 meeting.



The SAFTC service plaque was presented to Mark Suer (left to right): Allen Chan, Suer, Tom Kantor and Andy Pinskey.

Next SAFTC meeting:

21–22 October 2015, Bethlehem, Pa., USA

IV. Refining & Casting Technology Division

Ladle & Secondary Refining Technology Committee (LSRTC)

Mission: "To advance technical development of liquid steel handling and secondary refining through improved safety, quality and productivity."

LSRTC 2015–2016 officers:

- Chair — **Sunday Abraham**, SSAB Iowa Inc.
- Vice chair — **Dean Lovewell**, Ellwood Quality Steels
- Papers chair — **Helmut Oltmann**, Nucor Steel–Berkeley
- Members chair — **Matt Hallam**, Steel Dynamics Inc. – Structural & Rail Div.
- Education chair — **James Barrett**, Allied Mineral Products Inc.
- Roundup chair — **Kevin Cotchen**, SMS USA LLC

LSRTC meeting highlights:

James Barrett gave an update on Secondary Steelmaking Refractories — A Practical Training Seminar, which will be held on 5–8 October 2015 in Memphis, Tenn., USA. Nucor Steel Memphis Inc. will serve as host plant, and Tony Faulds will give the keynote presentation.

The LSRTC discussed its fall 2015 meeting, which will include presentations from Heraeus Electro-Nite Co. LLC, Steel Dynamics Inc. – Flat Roll Group Butler and INTECO PTI.

Next LSRTC meeting:

8 October 2015, Memphis, Tenn., USA



LSRTC Outgoing Chair

The LSRTC service plaque was presented to Kamalesh Mandal (left to right): James Barrett, Sunday Abraham, Mandal and Dean Lovewell.

Ladle and Secondary Refining Best Paper Award

Hoyong Hwang, research engineer, ArcelorMittal R&D, East Chicago, Ind., USA

Yong M. Lee, scientist, ArcelorMittal R&D, East Chicago, Ind., USA

Andrew I. O'Loughlin, metallurgical engineer, ArcelorMittal Riverdale, Riverdale, Ill., USA

Erik R. Strobel, technical sales representative, ArcelorMittal Riverdale, Riverdale, Ill., USA

"Back Pressure Correlation — A Method to Determine Gas Flow Status at Secondary Metallurgy"

The 2015 Ladle and Secondary Refining Best Paper Award was presented at AISTech 2015 (left to right): Sunday Abraham, Yong Lee, Hoyong Hwang and Kamalesh Mandal.



To learn more about this and other AIST awards, visit AIST.org.

Continuous Casting Technology Committee (CCTC)

Mission: "To provide a forum on continuous casting to learn about new and current technologies, discuss safe operational and maintenance practices, as well as network with industry professionals of all disciplines."

CCTC 2015–2016 officers:

- Chair — **Rick Besich**, ArcelorMittal Indiana Harbor
- Vice chair and APB[®] co-chair — **Ian Deeks**, Nucor Steel–South Carolina
- Papers chair and APB[®] co-chair — **Rudolf Moravec**, ArcelorMittal Global R&D
- Members chair — **Joydeep Sengupta**, ArcelorMittal Dofasco Inc.

- Education co-chairs — **Bill Schlichting**, U. S. Steel Research and Technology Center, and **Jeff Brower**, Primetals Technologies USA LLC
- Roundup co-chairs — **Eric Rosenow**, Nalco Co., and **Joe Laughlin**, SMS USA LLC

CCTC meeting highlights:

The 2015 Germany Caster Study Tour will be held on 8–14 November 2015. There will be six plant tours along with a technical panel discussion with Steel Institute VDEH preceding Stahl Tag 2015. The study tour is sold out.

Jeff Brower reviewed the 2015 Continuous Casting — A Practical Training Seminar, which will be held in Charleston, S.C., USA, on 12–15 October 2015.

CCTC Outgoing Chair

The CCTC service plaque was presented at AISTech 2015 (left to right): Shahrooz Nafisi, Rick Besich and Rudolf Moravec.

Continuous Casting Best Paper Award

Len Beitelman, consultant, Thornhill, Ont., Canada

Christopher P. Curran, engineering manager, ABB Inc., Whitby, Ont., Canada

David A. Domanski, business unit manager, Metallurgy Products, ABB Inc., Whitby, Ont., Canada

Ian A. Deeks, caster day supervisor, Nucor Steel–South Carolina, Darlington, S.C., USA

A. Neil Hopkins, maintenance supervisor, Nucor Steel–South Carolina, Darlington, S.C., USA

“Continuous Casting of High-Carbon Alloy Steel Billets With Modulated Stirring at a Later Stage of Solidification”

The 2015 Continuous Casting Best Paper Award was presented at AISTech 2015 (left to right): Shahrooz Nafisi, Rick Besich, Len Beitelman, David Domanski and Rudolf Moravec.

The CCTC’s fall 2015 meeting will include presentations addressing casting peritectic grades given by: Rick Besich, **Ken Blazek** of ArcelorMittal Global R&D, Bill Schlichting and **Darrell Sturgill** of IMERYS.

The CCTC discussed several upcoming Technology Training Conferences.

Next CCTC meeting:

15 October 2015, Charleston, S.C., USA, following the 2015 Continuous Casting — A Practical Training Seminar



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V. Rolling & Processing Technology Division

Hot Sheet Rolling Technology Committee (HSRTC)

Mission: “To promote safety and advancement in hot sheet and strip rolling technologies and operating practices through information exchange and training.”

HSRTC 2015–2016 officers:

- Chair — **Randy Patterson**, Steel Dynamics Inc. – Flat Roll Group Butler
- Vice chair — **Jim Murphy**, Quaker Chemical Corp.
- Papers chair — **Mike Peretic**, SMS Group
- Training chair — **Eric Thokar**, Primetals Technologies U.S.A. Holdings Inc.
- APB® chair — **Thomas Weiler**, Nucor Steel–Indiana

HSRTC meeting highlights:

Feedback was solicited from the HSRTC regarding joint Technology Committee meetings. As a whole, the committee agreed that this is important and would like to continue this trend moving forward, as it provides a valuable benefit not



Randy Patterson (right) presented the HSRTC service plaque to Dave Hamblin (left).

only for networking, but it also gives everyone a different perspective. Future possibilities of joint sessions would be with the Cold Sheet Rolling and Safety & Health Technology Committees.

Next HSRTC meeting:

Joint meeting with CSRTC on 15–17 September 2015, Fontana, Calif., USA, including a tour of the hot mill at California Steel Industries

Cold Sheet Rolling Technology Committee (CSRTC)

Mission: "To promote safety and advancement in cold sheet and strip rolling technologies and operating practices through information exchange and training."

CSRTC 2015–2016 officers:

- Chair — **Matt Baur**, AK Steel Corp.
- Vice chair — **Joani Phelps**, AK Steel Corp. – Dearborn Works
- Papers chair — **David Price**, ArcelorMittal USA

CSRTC meeting highlights:

The Cold Mill Roundup and Cold Mill Fundamentals Training Seminar will be emphasized in the coming year.

Next CSRTC meeting:

Joint meeting with HSRTC on 15–17 September 2015, Fontana, Calif., USA, including a tour of the hot mill at California Steel Industries



Joani Phelps (left) presented the CSRTC service plaque to chair Matt Baur (right).

Galvanizing Technology Committee (GTC)

Mission: "To advance technological capabilities for hot-dip coated products and processes by organizing meetings, workshops, plant visits, and technical sessions for the mutual benefit of producers and suppliers."

GTC 2015–2016 officers:

- Chair — **Mark Marietti**, AK Steel Corp. – Dearborn Works
- Vice chair — **Nick Lagios**, Drever International USA
- Papers co-chairs — **Frank Goodwin**, International Zinc Association, and **Joe McDermid**, McMaster University
- Program planning chair — **Harve Anderson**, Rotadyne Roll Group

GTC meeting highlights:

Frank Goodwin provided an overview of his team's effort to maintain the data for the Galvanizing Lines Roundup. **Gary Dallin** is leading this effort at GalvInfo.com.

Members participating in the AIST Process Benchmark[®] (APB[®]) were encouraged to enter data. **Ken Landau** of AIST reviewed the status of producing companies who subscribe to the APB.

Next GTC meeting:

24–25 September 2015, location TBD



Frank Goodwin (left) presented the GTC service plaque to Dan Lamprecht (right).

Tinplate Mill Products Technology Committee (TMPTC)

Mission: "To advance technological capabilities for tin mill products and processes by organizing meetings, workshops, plant visits, and technical sessions for the mutual benefit of producers and suppliers."

TMPTC 2015–2016 officers:

- Chair — **David White**, ArcelorMittal Dofasco Inc.
- Vice chair — **Dwain Hultburg**, Ohio Coatings Inc.
- Papers co-chairs — **Frank Goodwin**, International Zinc Association, and **Joe McDermid**, McMaster University
- Program planning chair — **Eric Almquist**, Star Tool & Die Works Inc.

TMPTC meeting highlights:

David White shared his vision for the TMPTC: focus on benefits related to the operators running and maintaining equipment on the shop floor in a "bottom-up, grassroots" movement. His hope is to make meeting content pragmatic and practical. Tactics to meet this goal include focusing on quality issues first.

Next TMPTC meeting:

6–7 October 2015, Niagara Falls, Ont., Canada, including a tour of ArcelorMittal Dofasco Inc.

Plate Rolling Technology Committee (PRTC)

Mission: "To promote advancement in safe plate rolling and quality practices, operating technologies and processing through information exchange."

PRTC 2015–2016 officers:

- Chair — **Corey Ivey**, Nucor Steel–Hertford County
- Vice chair — **Blane Vines**, Nucor Steel Tuscaloosa Inc.
- Papers chair — **Eric Thokar**, Primetals Technologies U.S.A. Holdings Inc.

PRTC meeting highlights:

ArcelorMittal Burns Harbor in-stand cooling was suggested as a topic for future meetings.

Next PRTC meeting:

Joint meeting with RTC on 22–23 September 2015, Pittsburgh, Pa., USA, including tours of Duraloy and Brownsville Marine



Blane Vines (right) presented the PRTC service plaque to chair Corey Ivey (left).

Rod & Bar Rolling Technology Committee (RBRTC)

Mission: "To provide forums on long product rolling to learn about new and current technologies, discuss safe operating and maintenance practices, as well as network with industry professionals of all disciplines."

RBRTC 2015–2016 officers:

- Chair — **Matt Blicht**, Nucor Steel–Nebraska
- Vice chair — **Tracy Schutz**, Nucor Steel Seattle Inc.
- Papers chair — **Gary Henderson**, Nucor Steel–Berkeley
- Education co-chairs — **Bob Greuter** and **Kevin Barbee**, Daniell Corp.
- Members chair — **Derek Voight**, Nucor Steel–Nebraska
- APB® co-chairs — **Jeff Richards**, Charter Steel – Saukville, and **John Sadler**, ArcelorMittal Indiana Harbor
- Rod & Bar Rolling Roundup chair — **Joe Kennedy**, Quad Engineering Inc.

RBRTC meeting highlights:

The 2016 Rod & Bar Rolling — A Practical Training Seminar was reviewed. **Ty Hall**, past RBRTC chair, will be the keynote speaker. The conference will be held in San Antonio, Texas, USA, on 22–25 February 2016, with CMC Steel Texas serving as plant host.

The status of the APB Rod & Bar Rolling module was reviewed. Module parameters and the confirmed module



Matt Blicht was presented with the RBRTC service plaque (left to right): Tracy Schutz, Blicht (RBRTC chair) and Gary Henderson.

listing will be finalized, and an update will be provided at the RBRTC's fall 2015 meeting. Also at the fall meeting, the following presentations will be given:

- “Gerdau Midlothian project,” by **Mario Fabro** of SMS Group.
- “Nucor Nebraska overview,” by Derek Voight of Nucor Steel–Nebraska.
- “Water Box Shifting,” by Jeff Richards of Charter Steel – Saukville.

- “New Spindle Support Design,” by Kevin Barbee of Danieli Corp.

Next RBRTC meeting:

23–24 September 2015, Norfolk, Neb., USA

Pipe & Tube Technology Committee (PTTC)

Mission: “To serve pipe and tubular products producers and suppliers by advancing the knowledge of its members while introducing safety improvements, technical innovations, quality enhancements, energy requirements and networking opportunities for participating committee members.”

PTTC 2015–2016 officers:

- Chair — **Keith Tuma**, United States Steel Corporation
- Vice chair — **Jon Roman**, Danieli Corp.
- Papers chair — **David Johnson**, Paragon Industries Inc.
- Members chair — **Susan Conley**, Quaker Chemical Corp.
- Education co-chairs — **David Johnson**, Paragon Industries Inc., and **Susan Conley**, Quaker Chemical Corp.
- Pipe & Tube Roundup co-chairs — **Jon Roman**, Danieli Corp., and **Frank Baumgardner**, Nucor Steel–Decatur LLC

PTTC meeting highlights:

The 2015 Pipe and Tube — A Practical Training Seminar will be held on 28 September–1 October 2015 in Cleveland, Ohio, USA, with TimkenSteel serving as plant host. **Tom Moline**, executive vice president, manufacturing of TimkenSteel Corp., will be the keynote speaker. A joint dinner will be held on 29 October with the AIST Northeastern Ohio Member Chapter. A request was made of PTTC members to promote this training seminar within their companies and in their industry travels.

Jon Roman and Frank Baumgardner gave an update on the Pipe and Tube Roundup. The first phase of the roundup will target the OCTG >1 inch market segment. Pipe and Tube



The 2014–2015 PTTC officers were recognized at AISTech 2015 (left to right): David Johnson, Susan Conley and Jon Roman.

Roundup data collection will be discussed at the next PTTC meeting.

The 2016 Pipe and Tube Technology Training Conference will be held in Birmingham, Ala., USA, with a possible tour of American Cast Iron Pipe Co.

Next PTTC meeting:

2 October 2015, Independence, Ohio, USA

Rolls Technology Committee (RTC)

Mission: “To improve the understanding of all aspects of rolls, including roll usage, roll metallurgy, roll manufacturing, roll shop operations and safety, roll preparation and roll inspection by organizing seminars, symposia and tours; creating literature; and providing a forum for discussion and networking.”

RTC 2015–2016 officers:

- Chair — **Terry Boyd**, Nucor Steel–Arkansas
- Vice chair — **Paul Fleiner**, Hitachi Metals America Ltd.
- Papers chair — **Homero Ortiz**, ArcelorMittal USA
- Members chair — **Tony Payling**, Sarclad North America L.P.

RTC meeting highlights:

The RTC developed discussion topics for future meetings: lifting devices and chock removing equipment in roll shops and the integration of the thrust ring on hot mill work rolls instead of removing from the old rolls and reinstalling on the new roll.

Next RTC meeting:

Joint meeting with PRTC on 22–23 September 2015, Pittsburgh, Pa., USA, including tours of Duraloy and Brownsville Marine

RTC Outgoing Chair

Terry Boyd (right) presented the RTC service plaque to Lydia Stromei (left).

Rolls Technology Best Paper Award

Konstantin V. Redkin, research metallurgist, mechanical engineer, WHEMCO Inc., West Homestead, Pa., USA

Christopher M. Hrizo, director of product development, WHEMCO Inc., Pittsburgh, Pa., USA

Raymond F. Schleiden, technical director, United Rolls Inc., Canton, Ohio, USA

C. Isaac Garcia, full research professor, Mechanical Engineering and Materials Science Department, University of Pittsburgh, Pittsburgh, Pa., USA

"Microstructural and Precipitation Analysis of Conventional Roughing Stand Work Rolls Using Thermodynamic Simulations and Advanced Characterization Techniques"

The 2015 Rolls Technology Best Paper Award was presented at AISTech 2015 (left to right): Konstantin Redkin, C. Isaac Garcia, Homero Ortiz, Chris Hrizo and Ray Schleiden.



To learn more about this and other AIST awards, visit AIST.org.



VI. Metallurgy Technology Division

Metallurgy — Steelmaking & Casting Technology Committee (MSCTC)

Mission: "To advance the knowledge of the science, technology and metallurgy of steelmaking and casting as they apply to upstream and downstream processes and products. We shall achieve these goals by providing opportunities for publication, training and technology exchange through the interaction of metals producers, equipment suppliers and academia."

MSCTC 2015–2016 officers:

- Chair — **Roger Maddalena**, Vesuvius USA
- Vice chair — **Scott Story**, U. S. Steel Research and Technology Center
- Papers chair — **Shahrooz Nafisi**, EVRAZ Regina
- IQRS Subcommittee chair — **Bill Jones**, U. S. Steel – Granite City Works

MSCTC meeting highlights:

The MSCTC discussed developing its objectives for the coming year.

Roger Maddalena discussed a winter joint meeting with the CCTC.

Bill Jones, **Sunday Abraham** and **Ron O'Malley** provided an update on the Kent Peaslee memorial publication.

The 2015 Germany Caster Study Tour will be held on 8–14 November 2015. The MSCTC was encouraged to participate in this initial caster study tour, which has since sold out.

Next MSCTC meeting:

28–29 October 2015, Canton, Ohio, USA



The MSCTC service plaque was presented to Chad Cathcart (left to right): Scott Story, Cathcart, Roger Maddalena and Shahrooz Nafisi.

Metallurgy — Processing, Products & Applications Technology Committee (MPPATC)

Mission: "To advance the knowledge of ferrous metallurgy and support the global ferrous metallurgy community by providing forums for the exchange of information and ideas."

MPPATC 2015–2016 officers:

- Chair — **Amy Woods**, Steel Dynamics Inc. – Flat Roll Group Butler
- Vice chair — **Amar De**, ArcelorMittal Research & Development
- MS&T Programming chair — **Emmanuel De Moor**, Colorado School of Mines
- Papers chair — **Matt Enloe**, General Motors
- Awards chair — **Ron Radzilowski**, AK Steel Corp. – Dearborn Works

MPPATC meeting highlights:

Matt Enloe updated the group on the three technical sessions organized by the MPPATC at AISTech 2015.

Amar De provided an update on the three iron and steel symposia organized for MS&T15, which will be held in

Columbus, Ohio, USA, on 4–8 October 2015. Within the three symposia will be 12 sessions focused on advanced steel metallurgy; the shaping and forming of AHSS; and steels for the oil and gas industry. There will also be three sessions organized on phase stability, diffusion and kinetics.

A discussion was held regarding future advanced technology symposia to be organized by the MPPATC similar to the International Conference on Advances in Metallurgy of Long and Forged Products held in Vail, Colo., USA, on 12–15 July 2015. Potential future symposia could include steel products such as plate, AHSS, and the application of AHSS.

Next MPPATC meeting:

6 October 2015, Columbus, Ohio, USA, to be co-located with MS&T15

Jerry Silver Award

V.S.A. Challa, Laboratory for Excellence in Advanced Steel Research, Center for Structural and Functional Materials, Institute for Material Research and Innovation, University of Louisiana at Lafayette, Lafayette, La., USA

R.D.K. Misra, Laboratory for Excellence in Advanced Steel Research, Center for Structural and Functional Materials, Institute for Material Research and Innovation, University of Louisiana at Lafayette, Lafayette, La., USA

Ronald J. O'Malley, F. Kenneth Iverson chair of Steelmaking Technologies, professor and director, Kent D. Peaslee Steelmaking Manufacturing Research Center, Missouri University of Science and Technology, Rolla, Mo., USA

Steven G. Jansto, market development manager, CBMM North America Inc., Bridgeville, Pa., USA

"The Effect of Coiling Temperature on the Mechanical Properties of Ultra-Strength 700 MPa Grade Processed via Thin-Slab Casting"

Gilbert R. Speich Award

Scott T. Pisarik, quality assurance engineer, Chevron Corp., Houston, Texas, USA

David C. Van Aken, Curators Teaching Professor, Missouri University of Science and Technology, Rolla, Mo., USA

Krista R. Limmer, Missouri University of Science and Technology, Rolla, Mo., USA

Julia E. Medvedeva, Missouri University of Science and Technology, Rolla, Mo., USA

"Developing a Third-Generation Advanced High-Strength Steel With Two-Stage TRIP Behavior"

Richard J. Fruehan Award

Qiulin Yu, metallurgy and quality, Nucor Steel Tuscaloosa Inc., Tuscaloosa, Ala., USA

Amy Beard, associate product manager, Quaker Chemical Corp., Conshohocken, Pa., USA

"Application of Hot Rolling Lubrication on a Reversing Coil/Plate Mill"

AIST Adolf Martens Memorial Steel Lecture

Harry Bhadeshia, Tata Steel Professor of Metallurgy and director, SKF Steel Technology Centre, University of Cambridge, Cambridge, United Kingdom; Professor of Computational Metallurgy, Graduate Institute of Ferrous Technology (GIFT), Pohang University of Science and Technology (POSTECH), Pohang, South Korea

"A Complete Theory for Martensitic Transformations"



To learn more about these and other AIST awards, visit AIST.org.

VII. Energy & Control Technology Division

Energy & Utilities Technology Committee (EUTC)

Mission: "To promote efficient, safe, and environmentally responsible energy and utilities technology in the production and processing of iron and steel through the facilitation of training, technical presentations and the exchange of information."

EUTC 2015–2016 officers:

- Chair — **Mark Kampe**, CEC Combustion Safety
- Vice Chair/Energy Achievement Award Subcommittee chair — **Rishabh Bahel**, ArcelorMittal Cleveland
- Papers chair — **Lou York**, Case Engineering Inc.
- Technology Training Conference chair — **Shailesh Gangoli**, Air Products & Chemicals Inc.

EUTC meeting highlights:

The EUTC discussed the 2015 Steel Mill Combustion and Thermal Systems conference, which will be held in Indianapolis, Ind., USA, in October 2015.

Next EUTC meeting:

1–2 September 2015, Suffolk, Va., USA, including a tour of Nucor Steel–Hertford County

EUTC Outgoing Chair

Mark Kampe (left) presented the EUTC service plaque to Dan Michael (right).

Energy Achievement Award

Ovako Bar AB, Smedjebacken, Sweden

"Frustum Hood and New Fume Treatment Plant at Ovako"

A new fume treatment plant, including high-efficiency fans, was installed at Ovako Bar AB, resulting in an energy consumption below 10 kWh per ton produced, which is less than half of the best results previously achieved.

The 2015 Energy Achievement Award was presented at AISTech 2015 (left to right): Mark Kampe, Dan Michael, Marco Cudicio, Kjell Nygren, JIm Ward and Jared Kaufman.



To learn more about this and other AIST awards, visit AIST.org.

Electrical Applications Technology Committee (EATC)

Mission: "To advance the design, application, maintenance, and safety of electrical and control systems, by providing opportunities for publication, training, technology exchange and networking."

EATC 2015–2016 officers:

- Chair — **Sean Marlow**, Steel Dynamics Inc.
- Vice chair — **Dave Mazur**, Rockwell Automation
- Papers chair — **Marcelo Cardoso**, ArcelorMittal USA
- Members chair — **Jeff Mason**, Integrated Mill Systems

EATC meeting highlights:

The Process Systems Technology Training Conference held in 2015 was reviewed, and members discussed possible improvements for future events.

Next EATC meeting:

13 October 2015, Merrillville Ind., USA, in conjunction with the Midwest Member Chapter kickoff dinner meeting



EATC Outgoing Chair

Ryan Wolfred (right) presented the EATC service plaque to Sean Marlow (left).



James Farrington Award

David C. Mazur, global technical consultant, Rockwell Automation, Milwaukee, Wis., USA

John A. Kay, senior product specialist, Medium Voltage Technologies, Rockwell Automation, Cambridge, Ont., Canada

Kenneth D. Mazur, account manager, Pittsburgh office, Rockwell Automation, Coraopolis, Pa., USA

"Advancements in Vibration Monitoring"

Sean Marlow (left) presented the 2015 James Farrington Award to Kenneth Mazur (right).



To learn more about this and other AIST awards, visit AIST.org.

Sensor Systems Subcommittee (SSSC)

SSSC 2015–2016 officers:

- Chair — **Brian Smith**, Primetals Technologies USA LLC
- Vice chair — **Chris Burnett**, Thermo Fisher Scientific
- Papers chair — **Dave Woodward**, Nidec Avtron Automation

SSSC meeting highlights:

The subcommittee discussed the 2015 Process Systems Technology Training Conference, its successes and suggestions for improvement. Future meeting options were also discussed, and the SSSC established its objectives for the coming year. One target is to co-locate meetings with Technology Committees and attract like-minded technologists to the group to bolster membership and overall value.

Computer Applications Technology Committee (CATC)

Mission: "To promote the understanding and advancement of appropriate computer applications, architectures and technologies for the processing of steel, by providing forums to learn about best practices, new and current technologies; by enabling the exchange of problem-solving ideas within the metals processing industry, and with potential suppliers; as well as by networking with associated disciplines in academia, government, research and related industries."

CATC 2015–2016 officers:

- Chair — **Dave Reynolds**, Nucor Steel Gallatin
- Vice chair — **Perry Zalevsky**, OSlsoft
- Papers chair — **Mike McCabe**, United States Steel Corporation

Basic functions/activities of the CATC were discussed, and objectives were set for the coming year.

Also discussed were topics for the next CATC meeting, which may include data analytics, enterprise space, automation-centric information security and general information security.

CATC meeting highlights:

The CATC discussed the AISTech 2015 technical program. Overall, the committee's sessions were well attended and of high quality.

The Process Systems Technology Training Conference held in 2015 was reviewed, and members discussed possible improvements for future events.

Next CATC meeting:

October 2015, Hamilton, Ont., Canada, including a tour of ArcelorMittal Dofasco Inc.

CATC Outgoing Chair

Dave Reynolds (right) presented the CATC service plaque to Chuck Cinkowski (left).

Computer Applications Best Paper Award

Mark E. Zipf, control, automation and drive systems technologies, Cold Rolling Technologies Inc., Middlefield, Conn., USA

"A Unified Spatial Curvature Framework for Coordinated Pass Scheduling, Shape Targeting and Mill Setup"

Perry Zalevsky (right) presented the 2015 Computer Applications Best Paper Award to Mark Zipf (left).



To learn more about this and other AIST awards, visit AIST.org.

VIII. Plant Services & Reliability Technology Division

Project & Construction Management Technology Committee (PCMTC)

Mission: "To improve the implementation, safety, and start-up of steel industry projects via improved project and construction management techniques by providing opportunities for publication, training, best practices, and networking to personnel serving the steel industry as producers, suppliers, contractors and consultants."

PCMTC 2015–2016 officers:

- Chair: **Andy Sarat**, CMC Steel Arizona
- Vice Chair: **Ted Vrehas**, Graycor Industrial Constructors Inc.
- Papers Chair: **Terry Charters**, U. S. Steel Canada – Hamilton Works
- Program Chair: **Barry Felton**, ArcelorMittal Burns Harbor

PCMTC meeting highlights:

Steve Bohm discussed the PCMTC's previous meeting in Mobile, Ala., USA, and the plant tour of AM/NS Calvert LLC.

The Project Excellence Award was presented to ArcelorMittal Burns Harbor at the Midwest Member Chapter dinner on 14 April 2015.



Andy Sarat (left) presented the PCMTC service plaque to Steve Bohm (right).

Project Excellence Award

ArcelorMittal Burns Harbor, Burns Harbor, Ind., USA

"No. 1 Battery Collecting Main Replacement and Roof Repair Project"



To learn more about this and other AIST awards, visit AIST.org.

The subject for next year's Best Practice Conference Presentation is project safety program management and transition to operational safety.

Next PCMTC meeting:

8–9 September 2015, location TBD

Maintenance & Reliability Technology Committee (MRTC)

Mission: "To support the iron and steel industry by fostering the identification and continuous improvement of reliability and maintenance business processes through the development of maintenance and reliability leadership and the enhancement of craft skills; to partner production and maintenance for business success; to provide professional development and problem-solving opportunities; to pursue and recognize best practices and methodologies; and to promote the application of predictive maintenance technologies."

MRTC 2015–2016 officers:

- Chair — **Jeff Blankenship**, Maintenance Reliability Solutions Inc.
- Vice chair — **Jeffrey Johnson**, Nucor Steel–South Carolina
- Technology Training Conference chair — **Rob Sensel**, Dover Hydraulics Inc.
- Paper chair — **Nizar Amarsi**, ArcelorMittal Dofasco Inc.

MRTC meeting highlights:

Jeff Blankenship discussed the current status of the revision of the *Lubrication Engineers Manual*. A request

was made for additional information to support the updates needed for the Maintenance and Reliability section. Specific needs include hydraulic fluid information.

Rob Sensel reviewed the 2015 Maintenance Solutions Technology Training Conference, which will be held in Indianapolis, Ind., USA, on 20–23 September 2015.

Next MRTC meeting:

19–20 November 2015, Charleston, S.C., USA, following the AIST Leadership Conference



MRTC Outgoing Chair

Jeff Blankenship (right) presented the MRTC service plaque to Cory Mecham (left).

Reliability Achievement Award

Gold: Nucor Steel–Berkeley, Huger, S.C., USA

"Development of a Reliable and Repeatable Spring Support System for Mill Stand Chocks"

A reliable spring support system to ensure proper roll gapping was developed that could support both gravitational and deceleration forces. The result was improved safety and increase in yield, productivity and profitability of Nucor Steel–Berkeley's structural mill.

Silver: California Steel Industries Inc., Fontana, Calif., USA

"Development of Specialized Tools and Improved Practices for Hot Strip Mill Roughing Spindle Repairs"

New tools and practices were developed that reduced the risk of injury and improved the quality of inspection and repair for the practice of disassembly and assembly of the hot strip mill's roughing spindles.

Bronze: United States Steel Corporation, Pittsburgh, Pa., USA

"Life Prediction in Industrial Equipment"

A six-step methodology was employed to analyze stress and fatigue levels in manually designed equipment that will allow operators and engineers to optimize existing equipment designs, reduce downtime and lost production, improve equipment inspection plans and identify opportunities for new equipment designs.



To learn more about this and other AIST awards, visit AIST.org.

Lubrication & Hydraulics Technology Committee (LHTC)

Mission: "To advance the knowledge and applications of lubrication and hydraulics in the iron and steel industry."

LHTC 2015–2016 officers:

- Chair — **Jim Sidow**, Fuchs Lubricants Co.
- Vice chair — **Salvatore Rea**, Chemtura
- Papers co-chairs — **Mrinal Mahapatro**, Pall Corp., and **Lance Penick**, Butech Bliss
- Membership chair — **Nick Borland**, EVRAZ Portland

LHTC meeting highlights:

A status update was given on the revision of the *Lubrication Engineers Manual*. There is a subcommittee, chaired by **Walt Kusnier**, involved in this effort. The target date for copies of the next edition being available is at AISTech 2016.

A suggestion was made to schedule future LHTC meetings in conjunction with other AIST events, such as other Technology Training Conferences, Member Chapter meetings, etc., and would include a tour or other similar event.

The 2016 Maintenance Solutions Technology Training Conference is planned for Scottsdale, Ariz., USA, in conjunction with the 2016 AIST Leadership Conference and AIST Southwest Member Chapter meeting. CMC Steel Arizona will serve as host plant.

Next LHTC meeting:

20 September 2015, Indianapolis, Ind., USA, in conjunction with Maintenance Solutions Technology Training Conference

Refractory Systems Technology Committee (RSTC)

Mission: "To promote forums for discussion and dissemination of the latest advancements and best practices in refractory technology worldwide as they relate to the entire iron- and steelmaking process."

RSTC 2015–2016 officers:

- Chair: **Albert Dainton**, Vesuvius USA
- Vice chair: **Xin Zhang**, ArcelorMittal Indiana Harbor
- Papers chair: **Lionel Rebouillat**, Pyrotek Canada Inc.

RSTC meeting highlights:

The RSTC discussed Secondary Steelmaking Refractories — A Practical Training Seminar. **James Barrett** reviewed the schedule and gave some details on the sessions on tundish refractories.

Next RSTC meeting:

8 October 2015, Memphis, Tenn., USA, following Secondary Steelmaking Refractories — A Practical Training Seminar



Albert Dainton (left) presented the RSTC service plaque to Dawn Mandich (right).

IX. Material Movement & Transportation Technology Division

Material Handling Technology Committee (MHTC)

Mission: "To serve and support the iron and steel industry by providing forums for technical information exchange, personal development and networking through technically focused committee meetings, participation in the annual AISTech conference, and joint committee ventures that promote safe and cost-effective methods for material handling."

MHTC 2015–2016 officers:

- Chair — **Everette Davis**, Nucor Steel–Berkeley
- Vice chair — **Tony Nath**, Nucor Steel Gallatin
- Papers chair — **Bruce Zimmerman**, Nucor Steel–Indiana
- Education chair — **Doug Nicksch**, Mi-Jack Products Inc.

MHTC meeting highlights:

The joint MHTC and TLTC fall meeting was discussed. Presentations will be given by representatives from TimkenSteel Corp., United States Steel Corporation and Nucor Steel Tuscaloosa Inc.

Doug Niksch reviewed the 2016 Material Handling & Transportation Logistics Technology Training Conference program outline. The conference will be held on 11–14 April 2016 in Nashville, Tenn., USA. Bridgestone Tire will host a tour of its facility.

Next MHTC meeting:

Joint meeting with TLTC on 16–17 September 2015, Canton, Ohio, USA



The MHTC service plaque was presented to Gregg Bond (left to right): Everette Davis, Bond, Doug Niksch and Tony Nath.

Cranes Technology Committee (CTC)

Mission: "To develop specifications for safe and dependable cranes that can be properly designed, installed and maintained; and to promote new technologies and communicate more efficient operational and maintenance practices through networking for the continuous improvement of heavy industrial overhead cranes."

CTC 2015–2016 officers:

- Chair — **Bobby Askew**, Nucor Steel–Hertford County
- Vice chair — **Bill Schierenbeck**, Xtek Inc.

4 May CTC meeting highlights:

The top priority for the CTC is the completion and publication of *EOT Maintenance, Inspection and Repair Handbook*, followed by a revision to *Technical Report No. 6 — Specification for Electric Overhead Traveling Cranes for Steel Mill Service*. The 22nd Annual Crane Symposium was reviewed, and a call for submittals was made for the 23rd Annual Crane Symposium.

7 June CTC meeting highlights:

The CTC met again on 7 June 2015 in Pittsburgh, Pa., USA, prior to the 22nd Annual Crane Symposium. **Mike Urbassik** provided a summary of the presentations organized for the 22nd Annual Crane Symposium. He also gave an update on the status of presentations for the 2016 AIST Crane Symposium. Currently, 16 presentations have been secured for the 23rd Annual Crane Symposium, which will be held in June 2016 in Pittsburgh, Pa., USA. **Tom Berringer** provided an update on *EOT Maintenance, Inspection and Repair Handbook*, which is in its final stages of organization. The report will be laid out in four sections: electrical, mechanical, structural and a section on general items plus safety, reliability and a glossary. Once posted on the CTC Members



Bobby Askew (far right), presented the Norfolk Navy Ship Yard (NNSY) – Navy Crane Center representatives with a plaque of appreciation for hosting the CTC’s tour of the NNSY in February 2015 (left to right): David Shephathiah, Tim Simon, Mike Johnson, George Naser, Bryan Barber and Bobby Askew.

Only area, the CTC members will have an opportunity to review the handbook in its entirety to provide comments and feedback prior to the next CTC meeting.

Next CTC meeting:

14–15 October 2015, Charleston, S.C., USA



Crane Innovator of the Year Award

Joe Bavuso, union safety representative, U. S. Steel – Gary Works, Gary, Ind., USA

"U. S. Steel Crane Mechanical Maintenance Training"

Bobby Askew (left) presented the 2015 Crane Innovator of the Year Award to Joe Bavuso (right) at the 22nd Annual Crane Symposium.



To learn more about this and other AIST awards, visit AIST.org.

Transportation & Logistics Technology Committee (TLTC)

Mission: "To support the iron and steel industry by providing forums for technical advancement with safe and cost-effective material movement by land, air, rail or water for the continuous transporting improvement of raw materials to finished steel products."

TLTC 2015–2016 officers:

- Chair — **Donnie Spencer**, Nucor Steel Tuscaloosa Inc.
- Vice chair — **Larry Guinn**, Nucor Steel–Berkeley
- Papers chair — **David Haslar**, TimkenSteel Corp.
- Education chair — **Doug Niksch**, Mi-Jack Products Inc.
- OTLRSC co-chairs — **George Price**, Berg Steel Pipe Corp., and **Robert Barron**, United States Steel Corporation

TLTC meeting highlights:

The joint MHTC and TLTC fall meeting was discussed. Presentations will be given by representatives from TimkenSteel Corp., United States Steel Corporation and Nucor Steel Tuscaloosa Inc.

Doug Niksch reviewed the 2016 Material Handling & Transportation Logistics Technology Training Conference program outline. The conference will be held on 11–14 April 2016 in Nashville, Tenn., USA. Bridgestone Tire will host a tour of its facility. The TLTC and Association of American Railroads joint annual meeting will be held on 14 April.



The TLTC service plaque was presented to Donnie Spencer (left to right): David Haslar, Spencer, Larry Guinn and Doug Niksch.

Next TLTC meeting:

Joint meeting with MHTC on 16–17 September 2015, Canton, Ohio, USA



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