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FOR IMMEDIATE RELEASE

AIST ANNOUNCES T.C. GRAHAM PRIZE SEMI-FINALISTS

CLEVELAND, 5 May 2015 — The [Association for Iron & Steel Technology \(AIST\)](#) selection committee has chosen 10 semi-finalists for the [T.C. Graham Prize](#). This unique contest recognizes innovative applications for steel that may lead to the development of new markets. The winning entry will receive US\$20,000.

The semi-finalists include:

- **Chien-Chung Chen**, *Innovative Steel Floor Panel*
- **Saikat Chatterjee, Lei Gao and Kinnor Chattopadhyay**, *A Novel Method for the Production of Ultra-Clean Steels for Tire Cord and Pipeline Applications by Using Inert Gas Microbubbles in a Tundish*
- **Alan Druschitz and Allison Popernack**, *Copper Clad Steel for Products With Antimicrobial Properties*
- **Thomas J. Coyne Jr.**, *Save the Water, Save the Nation*
- **Ignacio Alvarez, Claudia Ramones, Nelson Garza and Luis Leduc**, *High-Silicon and Manganese Steels for Automotive Applications*
- **Len Beitelman, Christopher P. Curran, David A. Domanski and Ian Deeks**, *Modulated Electromagnetic Stirring for Continuous Casting of Quality-Demanding Steel Grades Used in Crankshafts for Automobiles and Heavy Equipment*
- **Elisa Cantergiani, Ben Lawrence, Colin Scott and Chad Sinclair**, *High-Strength, Interstitial-Free Steel Obtained Using FeC Amorphous Films and Induction Heating for Packaging Applications and Cladding With Lighter Metals for Auto Body Panels*
- **Thomas David Burleigh**, *Anodized Steel Structures and Tools*
- **V.M. Kravchenko, A.V. Loza and D.A. Rassokhin**, *Local Doping Method With Differentiated Properties for the Production of Body Parts for Heavy Equipment*
- **Cheng-Chieh Li, L.L. Liao, C.R. Kao and G.J. Snyder**, *Innovative Application of Thermoelectric Generators With Fe-Based Bonding Layers for Recovering Industrial and Automobile Waste Heat Into Renewable Energy*

Semi-finalists will submit additional information that will narrow the list to five finalists. In September 2015, finalists will deliver oral presentations for the [Contest Jury](#). The winner will be announced in the fall of 2015.

T.C. Graham Prize entries were accepted from any individual or group of individuals, and judged for innovation, practical application, performance and marketability. Sustainability initiatives relative to profitability, energy intensity, safety, environmental impact and overall life-cycle assessment were also evaluated.

The T.C. Graham Fund for Innovation in Steel Applications was established in April 2014 with a donation to the Association for Iron & Steel Technology by Mr. Thomas C. Graham Sr. Mr. Graham, a former president of the U. S. Steel Group of USX Corp., is widely known as one of the steel industry's most successful and innovative executives.

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Full details and information can be found on the [T.C. Graham Prize Web page](#), or contact [Chris McKelvey](#) with questions.

[AIST](#) is an international technical association of more than 17,500 professional and student members, representing iron and steel producers, their allied suppliers and related academia. The association is dedicated to advancing the technical development, production, processing and application of iron and steel.

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