

Copper Development Association Honors Cleveland State Professor Taysir Nayfeh for Revolutionary Research in 'Ultraconductive' Copper

(New York, NY) June 3, 2014 – Professor Taysir Nayfeh, of Cleveland State University, received the Copper Development Association (CDA) “Trailblazer in Copper Technology” award for his research in ultraconductive copper – a technology that could revolutionize how copper is used in applications ranging from aerospace in the medium term to residential wiring in the longer term.

Nayfeh has led an International Copper Association (ICA)-sponsored initiative to better understand ultraconductive copper and its potential commercial implications. Nayfeh was presented the award at the NanoCarbon Enhanced Materials Consortium in Cambridge, Mass.

“Professor Nayfeh’s three years of exhaustive research have revealed that nanocarbon-in-copper composite materials have a conductivity that is more than twice that of pure copper – a discovery with far-reaching implications on a global scale,” said Malcolm Burwell, Director of Technology for North America in ICA’s Technology Development & Transfer Group. “Researchers like Professor Nayfeh are confirming the role copper continues to have in wiring and countless other applications. It’s an exciting field of study, and we’re eager to help our developers move this technology into mass-manufacturing in the coming years.”

Within the electrical wiring industry, copper is broadly viewed as a leading material. Already preferred for being durable, malleable, highly conductive and long-lasting, the copper composite materials being researched are likely to reinforce copper’s already solid reputation in the next decade.

CDA presents the Trailblazer in Copper Technology award, along with a \$5,000 honorarium, to encourage innovation in copper research. Nayfeh was selected for having shown years of self-motivation to explore an advanced and complex copper technology with the potential to impact global industries that rely on copper wiring.

For more information about copper wiring, visit www.copper.org.

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About the Copper Development Association

The Copper Development Association Inc. is the market development, engineering and information services arm of the copper industry, chartered to enhance and expand markets for copper and its alloys in North America. Learn more on our [blog](#). Follow us on [Twitter](#).

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