**The Copper Alliance Sponsors Webinar on “The Manufacture of High-Efficiency Coils with MicroGroove Copper Tubes” by Brian McConnell, President of Burr OAK Tool Inc.**

*Free Webinar in the MicroGroove Webinar Series Slated for January 20, 2015*

**New York, New York (December 3, 2014)** – The International Copper Association and the Copper Alliance announce a New Webinar in the MicroGroove Series of Webinars will be presented on 20 January 2015 at 11:00 am (Eastern Time). The webinar is titled “The Manufacture of High-Efficiency Coils with MicroGroove Copper Tubes” and it will be presented by Brian McConnell, President of Burr OAK Tool Inc.

As the industry rapidly moves toward smaller-diameter copper tubes for high efficiency coils in air conditioning and refrigeration (ACR) applications, OEMs are becoming more proficient in the manufacture of round tube, plate fin (RTPF) coils.

According to experts at Burr OAK Tool, the equipment to build small diameter tubes into all sizes of coils is already available, and manufacturing processes are familiar, economical and reliable.

As the president of Burr OAK Tool, Brian McConnell is intimately familiar with the currently available technology & equipment for producing round-tube, plate-fin (RTPF) type heat exchangers. In this upcoming MicroGroove webinar, he will report on lessons learned & recent advances in adapting such equipment for use with MicroGroove smaller diameter copper tubes.

The webinar will cover the many key topics, including a description of fin machines, tube benders and tube expanders; processing (i.e. bending and proper handling) of MicroGroove tubes in preparation for coil assembly; inherent challenges of expanding MicroGroove tubes; and the effects of tube quality, internal enhancements and alloy content.

Participants will learn how to balance needs for capacity, flexibility and economical investments; how to lower materials costs using familiar manufacturing practices; and how to increase throughput using automation and high-volume production equipment.

Mr. McConnell will also describe what is on the horizon in the manufacture of high-efficiency coils for use with new refrigerants in commercial and residential applications.

To register for this free webinar and to view past webinars, visit the “Webinars” webpage on [www.microgroove.net](http://www.microgroove.net). You can also register here.

<https://vts.inxpo.com/Launch/QReg.htm?ShowKey=23006&AffiliateData=sponsorpressrelease>

Join the MicroGroove Group on LinkedIn to share your ideas about research directions and product development. [www.linkedin.com/groups/Microgroove-4498690](http://www.linkedin.com/groups/Microgroove-4498690).

**About ICA**

The International Copper Association, Ltd. (ICA) is the leading organization for promoting the use of copper worldwide. ICA’s mission is to promote the use of copper by communicating the unique attributes that make this sustainable element an essential contributor to the formation of life, to advances in science and technology, and to a higher standard of living worldwide. Visit [www.copperinfo.com](http://www.copperinfo.com) for more information about ICA.

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