

Copper wire: Know-how and knowledge sharing

The NE Drahtforum 2019



NE Drahtforum

The German Copper Institute, the copper manufacturer Aurubis, the lubricant manufacturer CARL BECHEM and Maschinenfabrik NIEHOFF have launched the "NE Drahtforum" ("Non-ferrous wire forum"), an interdisciplinary lecture event on the production and processing of wires made of copper and copper alloys.

The NE Drahtforum bundles the knowledge of the four partners. The forum is the only non-ferrous wire industry event and offers participants the possibility to gain up-to-date knowledge from specialists and to exchange information with market participants.

The NE Wire Forum 2019 will take place in Bad Sassendorf near Hagen, Germany, 11–12 November 2019.

On 11 November, there will be an evening event beginning at 6 pm; the seminar will be held on 12 November and starts at 9 am. The conference is free of charge, the lectures will be held in German.

Program

Automotive industry in transition – challenges for the wire and cable industry.

Keynote presentation by Markus Thoma, Managing Director, Leoni Kabel GmbH.

Annealing of Cu wire.

Dr.-Ing. Rainer Menge, Herborner Drahtbüro.

Efficiency in fine wire production.

Cast copper wire rod. Aurubis AG;

Drawing machines: Rod wire drawing. NIEHOFF GmbH & Co. KG;

Drawing machines: Fine drawing on multiwire drawing machines. NIEHOFF GmbH & Co. KG;

Drawing media. CARL BECHEM GMBH;

Drawing dies. Michael Biller, Balloffet GmbH.

Wire breaks. NE Drahtforum GbR.

Developments in the production of flat wire.

Bruker-Spaleck GmbH.

Fatigue strength of Cu wires.

Deutsches Kupferinstitut Berufsverband e.V.

Register here:

www.ne-drahtforum.de

The project partners: Expertise and know-how



The **Deutsches Kupferinstitut** (German Copper Institute) in Düsseldorf acts as an international technical competence center for copper and copper alloys. In addition to information about the use of copper materials, the institute also works on ecological topics such as life-cycle data and initiates and accompanies research projects on copper within the framework of an extensive university network.

The service program also includes consulting, engineering and laboratory services as well as seminars and workshops.

Founded in 1927 as a technical-scientific advice center for the copper industry, the institute is part of the "Copper Alliance" network, led by the International Copper Association, and works closely together with copper institutes on a global level. The newsletter "CU-Direkt", published quarterly (in German) by the Deutsches Kupferinstitut, reports on current topics relating to the material copper and can be ordered free of charge. www.kupferinstitut.de

Aurubis AG, Hamburg, is a leading global provider of non-ferrous metals and the largest copper recycler worldwide. The company processes metal concentrates, scrap metals, and metal-bearing recycling materials into metals and produces more than 1 million t of copper cathodes annually, which are further processed into products such as wire rod, continuous cast shapes, rolled products, and strip, as well as specialty wire and profiles made of copper and copper alloys. The company was founded in 1866 under the name "Norddeutsche Affinerie" and changed its name to Aurubis in 2009, derived from Latin „aurum rubrum“ ("red gold"), which refers to copper as a particularly valuable metal. Aurubis has about 6,700 employees, production sites in Europe and the US, and an extensive service and distribution system in Europe, Asia, and North America. The monthly newsletter "Copper Mail" published by the company informs about current trends on the copper market. www.aurubis.com

BECHEM stands for high quality high-performance lubricants, coating systems and speciality chemical products that are developed in collaboration with researchers and product users. BECHEM is one of the world leader companies in non-ferrous wire drawing and, thanks to continuous development and research, guarantees outstanding results in quality and productivity for the modern wire drawing business. Founded in 1834 and now in its sixth generation, the family-owned company has more than 670 employees worldwide. In addition to the parent plant in Hagen, Germany, BECHEM has further production sites in Germany in Mieste and Kierspe, as well as foreign production sites in China, India and the USA. www.bechem.de

Maschinenfabrik NIEHOFF, Schwabach, develops and builds machinery needed for the production and the downstream processing of non-ferrous wires into automotive, power, data and special cables. The portfolio also includes comprehensive services. The company was founded in 1951 by Walter Niehoff, but its origins date back to 1859. The NIEHOFF Group has a workforce of over 850 worldwide and is comprised of its headquarters, six manufacturing subsidiaries – in Brazil, the USA, the Czech Republic, India, China and Sweden – as well as sales and service centers in Japan, Singapore and Russia. Biannually, the customer journal "NIEHOFF Magazine" informs about NIEHOFF innovations and other interesting facts. www.niehoff.de