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Press Information

Three finalists selected for the Kanthal® Award 2017

A prize of €5,000 is to be awarded in Stockholm, Sweden, on October 4 as three companies pitch innovations in heating technology.

For the third year running, the Kanthal® Award will be presented to recognize innovations that contribute to a more sustainable future, quality of life, energy efficiency, and which advance the field of heating technology.

The prize of €5,000, to be donated to a relevant charity organization of the winner's choosing, will be presented at an award ceremony held in Stockholm on October 4, 2017.

Nicklas Nilsson, President, Kanthal, said: "We are thrilled by the scope of this year's shortlisted innovations. We believe they advance knowledge in our industry and will inspire others to take action."

Last year's winner was Proton Power Inc of Tennessee, US, for its Cellulose to Hydrogen Power solution for clean energy applications. The first year's award in 2015 was presented to Arcelor Mittal for its innovative use of Kanthal APMT™ rollers for reduced energy consumption.

Selected by a panel of experts in the field of thermal solutions, the 2017 finalists are:

1. Sunfire GmbH, Germany

The jury's motivation: Sunfire GmbH has developed a process converting regenerative power, CO₂ and water into synthetic gas or a crude oil substitute (Blue Crude) which has the potential to satisfy the key need for CO₂-neutral transportation fuels for the sustainable society of tomorrow. Sunfire is nominated for their process which utilizes waste heat with the help of efficient high temperature flow heaters to maximize the overall efficiency.

2. GB Eco Systems Ltd, Brazil

The jury's motivation: Removal of organic contamination from soil has become increasingly important in order to revitalize brown field sites for new use. GB Eco Systems is nominated for an innovative process involving vapor injection and resistance heating to extract and collect volatile contaminants to facilitate new development.

3. C-Tech Innovation Ltd, UK

The jury's motivation: Efficient processing of raw materials and recovery of critical minerals and metals from waste are prerequisites for the circular economy. C-Tech Innovation is

nominated for their development of a rotary furnace which uses an innovative combination of radiant and microwave heating for highly effective mineral processing.
Read more about Kanthal® Award and this year's three finalists: kanthalaward.com.

Image caption

Kanthal Award 2016 winners-C: The three announced finalists for 2017's third annual Kanthal® Award follow in the footsteps of last year's winner, Proton Power Inc.

For more information about the Kanthal® Award 2017 ceremony, please contact:

Nicklas Nilsson
President
Kanthal – Part of Sandvik Group
nicklas.nilsson@sandvik.com
+46 70 211 77 40

Lena Wiig
Global Marketing Manager
Kanthal – Part of Sandvik Group
[lena.wiig@sandvik.com](mailto:lana.wiig@sandvik.com)
+46 70 690 90 55

About Kanthal® – Part of Sandvik Group

As part of the Sandvik Group, the Kanthal brand represents world class expertise in heating technology products and solutions. The Sandvik Group is a global high technology enterprise with 43,000 employees in 130 countries. Sandvik's operations are concentrated on three core businesses: Sandvik Machining Solutions, Sandvik Mining and Rock Technology and Sandvik Materials Technology.

The Kanthal® business is part of Sandvik Materials Technology, a world-leading manufacturer of advanced stainless steels and special alloys for the most demanding industries, metal powder as well as products for industrial heating.

Environmental awareness, health and safety are integral parts of our business and are at the forefront of all activities within our operation. We hold approvals to, for example, ISO 9001, ISO 14001 and OHSAS 18001.