

No. 15/e
Munich, March 13, 2018
Press Release

ceramitec 2018: Comprehensive Conference Program

- **Joint opening event of ceramitec and the 93rd Annual Meeting of the German Ceramics Society DKG**
- **Lecture program on all ceramics sectors**
- **“Additive manufacturing” special area**

ceramitec, the international key trade show of the ceramics and powder metallurgy industries will take place in Munich from April 10 to 13. The participants of the exhibition may look forward to a comprehensive conference program. There will be lectures and panel discussions at which high-ranking representatives of the international ceramics and powder metallurgy industries will deal with topics from each sector represented at the trade show. In addition, there are several exhibition presentations of renowned companies like FCT Systeme, Eisenmann Thermal Solutions and Bongioanni Macchine. Moreover, the program comprises a cross-discipline special area on additive manufacturing this year for the first time.

The following are the cornerstones of the conference program at a glance:

Joint opening event of ceramitec and the Annual Meeting of the German Ceramics Society on April 10

The trade show will start on Tuesday, April 10, with a joint opening event of the 14th edition of ceramitec and the 93rd Annual Meeting of the German Ceramics Society DKG & Symposium on High-Performance Ceramics 2018 taking place on the exhibition grounds in parallel with ceramitec. The greeting will be followed by a panel discussion with Gerhard Gerritzen (Member of the Board of Management of Messe München GmbH), Joachim Heym (Chairman of the German Ceramics Society & Managing Director of Schunk Ingenieurkeramik GmbH) and Dr. Jürgen Blumm (Chairman of the ceramitec Advisory Board & Managing Director of Netzsch Gerätebau GmbH) and a keynote of Prof. Dr. rer. nat. habil Alexander Michaelis (Chair of the Inorganic Non-Metallic Materials Chair of the Technical University of Dresden & Director of the Fraunhofer Institute for Ceramic Technologies and Systems) on the potentials of ceramics for industrial innovation. Subsequently, the prestigious Hans-Walter-Hennicke-Lecture-Competition

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will take place within the framework of the DKG Annual Meeting. The prize is awarded in recognition of outstanding degree theses by young ceramics professionals.

Powder Metallurgy Day on April 10

The Powder Metallurgy Day will also take place on April 10. In their keynotes, several top-class speakers from industry and research will deal with various questions covering all aspects of this procedure. Since additive manufacturing processes in powder metallurgy have already found their way into industrial production, several lectures, for example, will delve into this method. Among other things, Prof. Dr.-Ing. Franz-Josef Villmer from the Ostwestfalen-Lippe University of Applied Sciences / Germany, will present a technology overview of metals and ceramics for additive manufacturing.

Heavy Clay Day on 11 April

The Heavy Clay Day on Wednesday, April 11, will put the spotlight on “Building the Future with Bricks” and shed light on new trends in roof tile production, on the advantages of brick fast firing and on the current situation of digitization in the brick industry, for example. In addition to various lectures, the presentation of the “Zi Best Service Supplier 2018 Award” with a subsequent get-together will also take place in the course of the theme day. Based on a vote of its readers, the trade journal Zi awards this accolade to the supplier offering the best customer service.

Technical Ceramics Day on April 12

On Thursday, April 12, the conference program will focus on technical ceramics. In a total of 20 lectures, experts from applied research, the supplier industry and ceramics production will dedicate themselves to various aspects of the sector. The array ranges from powder technology to process technology through to component development and manufacturing and their applications. The opening lecture entitled “Technical Ceramics – to Fulfil Extreme Challenges from Deep-sea to ISS”, which will be given by Dr. Michael Zins from Fraunhofer IKTS/DE, will illustrate how manifold the application possibilities of ceramics have become. At the end of the lecture series, the trade journal CERAMIC APPLICATIONS will for the first time present the “Best Component Award Technical Ceramics” in the categories of materials and technology development.

CareerDay on April 13

For the second time, the CareerDay will round off the ceramitec conference program on the last day of the trade show. In addition to diverse lectures and discussion panels deal-

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ing with education and training opportunities, the information day offers students, graduates and young professionals the possibility of finding out more about development and career options from attractive employers.

“Additive Manufacturing” special area

There will be a special area on additive manufacturing at ceramitec for the first time this year. Besides information on new products and a presentation of innovative exhibits, there will be a separate lecture program on all days of the trade show, which deals with various questions covering all aspects of this manufacturing process. Experts from XJet, for example, a supplier for additive manufacturing procedures involving ceramics and metal, will introduce what is referred to as XJet Nanoparticle Jetting. This technology makes the additive manufacturing of metal and ceramics components clearly more rapid and high-grade. Besides other experts, Oliver Cynamon from FIT AG, the specialist for additive manufacturing, among others, will talk about the newly introduced ceramic printing procedure, which combines cutting-edge additive manufacturing processes with traditional craftsmanship.

Attendance of the specialist lectures and panel discussions is free of charge for trade show visitors. The majority of the program items take place at the **ceramitec Forum in Hall A5**. An exception to this is the **“Additive Manufacturing” special area** and the associated lecture program, which will take place at **Booth 235/338 in Hall B6**.

Details on the supporting program can be found under

DE: <https://www.ceramitec.com/messe/konferenzprogramm>

EN: <https://www.ceramitec.com/trade-fair/conference-program>

More information is available online at www.ceramitec.de

About ceramitec

ceramitec is the international key trade show of the ceramic industry. It covers the entire spectrum of the ceramic industry – ranging from classic ceramics and raw materials to industrial ceramics through to technical ceramics and powder metallurgy. Some 600 exhibitors from 37 countries and more than 15,000 participants from 93 countries took part in ceramitec 2015. “ceramitec: Technologies - Innovations - Materials” takes place every three years; the next event will be held in Munich from April 10 to 13, 2018.

International trade shows of the ceramic industry of Messe München International

Besides ceramitec, the international key trade show, Messe München’s portfolio of ceramics trade shows also includes Indian Ceramics. India’s leading trade show for the ceramic industry combines international competence with in-depth regional know-how. Indian Ceramics takes place on an annual basis, the next event being scheduled in Gandhinagar, Gujarat, India, from March 7 to 9, 2018, in parallel with Ceramics Asia. More than 280 exhibitors and over 7,100 trade visitors took part in Indian Ceramics & Ceramics Asia 2017.

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Messe München

Messe München is one of the world's leading trade-show companies. It organizes more than 50 own trade shows for capital and consumer goods and key high-tech industries. Each year, more than 50,000 exhibitors and some three million visitors take part in more than 200 events held at the Messe München trade-fair center, the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Jointly with its subsidiaries, Messe München is organizing trade shows in China India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. Messe München has a global business presence with a network of affiliates in Europe, Asia, Africa and South America as well as some 70 foreign representatives serving more than 100 countries.

In 2018, analytica, International Trade Fair for Laboratory Technology, Analysis and Biotechnology, will be held in parallel to ceramitec: www.analytica.de