



## PRESS RELEASE

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### PARTEC 2019: Keynote speakers at congress for particle technology confirmed

- **Meet the who's who of particle technology from 9 to 11 April 2019 in Nuremberg**
- **Congress held alongside POWTECH, the world's largest trade fair for processing, analysis and handling of powder and bulk solids**

**Six high-calibre keynote speakers will provide inspiration with the latest findings from their discipline at PARTEC, the international congress for particle technology to be held in Nuremberg in April. The PARTEC Executive Committee chaired by Professor Stefan Heinrich has now announced the keynote speakers and topics. Congress delegates can look forward to speakers from the USA, UK, Australia and Germany among others. The keynotes cover a wide range of topics and touch on areas of application like additive manufacturing or CO2 reduction. The theme of PARTEC 2019 is "Particles for a better life". More than 500 scientists and researchers are expected to attend the English-language congress in Nuremberg.**

As one of the world's leading congresses for particle technology, PARTEC gathers the professional community in Nuremberg every three years. In almost all sectors of industry, the processing of powder and particles is an important process step, particularly for the production of foodstuffs, chemicals and pharmaceuticals. The findings of PARTEC researchers deliver improvements in many areas of our daily life. "Our congress theme 'Particles for a better life' underscores this key role played by particle research," says Professor Stefan Heinrich, Chairman of PARTEC 2019. "In 2019, alongside traditional applications, we will also be focusing strongly on cutting-edge technologies e.g. from the life sciences, energy and environmental technology, or additive manufacturing. The congress will explore how particle technology can help these applications to progress."

Together with



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## Overview of keynotes

The importance of particle technology for various sectors and future technologies is reflected in the six keynotes over the three days of the congress:

- Prof. Dr. Alan W. Weimer, University of Colorado, USA: “Particle Functionalization by ALD: Fundamentals, Applications, and Path Forward”
- Prof. Mojtaba Ghadiri, University of Leeds, United Kingdom: “Dynamics of Cohesive Powder Flow”
- Prof. Karen Hapgood, Deakin University, Australia: “Particle Technology in Additive Manufacturing”
- Prof. Jim Litster, University of Sheffield, United Kingdom: “Model Driven Design of Particulate Processes and Products – Applications in Pharmaceutical Manufacture and Beyond”
- Prof. Dr.-Ing. Evangelos Tsotsas, Otto-von-Guericke-Universität Magdeburg, Germany: “Engineering of particles by spray drying and spray fluidized bed processes”
- Prof. Hamid Arastoopour, Illinois Institute of Technology, USA: “Contribution of Particle Technology Research on CO<sub>2</sub> capture and reduction”

## Supporting programme encourages new contacts, knowledge-sharing and networking

The PARTEC programme includes over 250 lectures and presentations. In its capacity as honorary sponsor of the congress, the VDI-GVC (Association of Process and Chemical Engineering) will also be awarding its Friedrich Löffler Prize for Young Scientists in Nuremberg. A poster exhibition and comprehensive supporting programme are a fitting complement to the international particle summit.

As well as the latest technical findings, PARTEC therefore also offers plenty of opportunities for networking and making new contacts from the scientific and industrial arenas. Numerous associations and educational establishments from all over the world support PARTEC as event partners.



The event is sponsored by BASF, Beckman Coulter, LUM, Malvern Panalytical and Sympatec. PARTEC takes place at the same time as POWTECH 2019, the world's leading trade fair for the processing, analysis and handling of powder and bulk solids.

## About PARTEC

PARTEC sees itself as an international forum for research and development in particle technology. The congress, which is held in English, brings together scientists and engineers from all over the world every three years and covers topics like particle formation, agglomeration and coating processes and diverse industrial applications for particles. The international congress for particle technology is organised by NürnbergMesse and is sponsored by the VDI Association of Process and Chemical Engineering (GVC). The event also receives support from numerous other associations and organisations.

## Abstract and

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