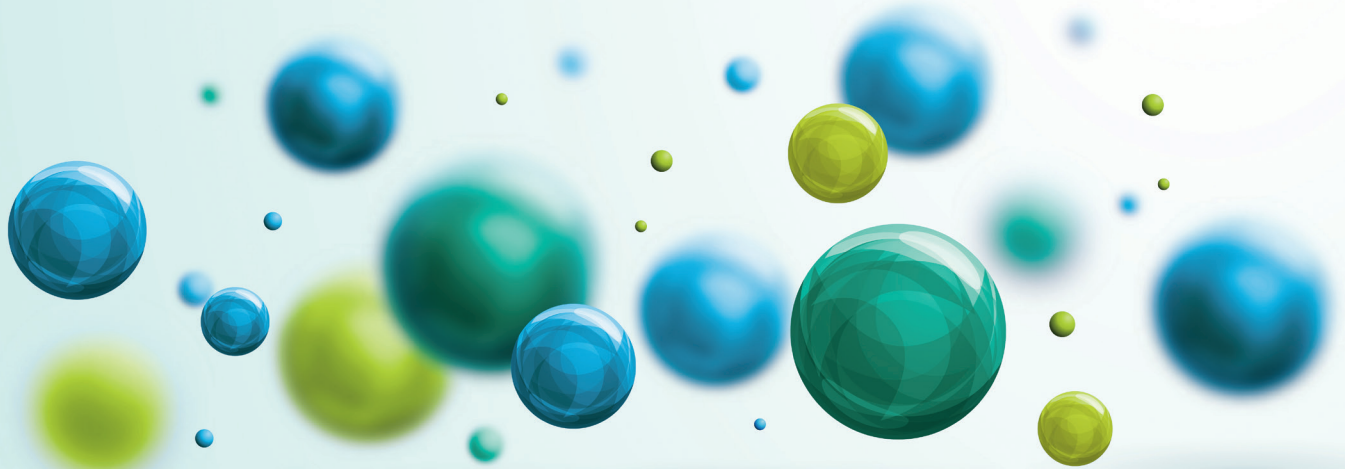


PARTEC 2019

International Congress on Particle Technology

April 9–11, 2019, Nürnberg, Germany



Call for Papers – “Particles for a better life”

www.partec.info

Submission Deadline

April 30, 2018

together with:



POWTECH 2019

Honorary Sponsor:



NÜRNBERG / MESSE



Purpose

Modern production processes in chemical, pharmaceutical and biological industries are characterized by solids processes with complex process structures.

Grand challenges has been achieved to better understand and to adjust processes for particle product design and the corresponding and required product properties, which are of multiscale nature.

Besides this classical fields the PARTEC, as one of the largest international particle and powder technology conferences, wants to adress also emerging fields of applications of particle technology in life sciences and medicine, environmental and energy technology, synthesis reactions, materials science, electronics, photonics and additive manufacturing, which influence our daily life.

For this reasons the major topic of the next PARTEC in 2019 is „Particles for a better life“.

PARTEC attracts a very wide mix of attendees, from both academia and industry, all meeting together in the same place and surrounded by POWTECH, the world's leading exhibition for the processing, analysis and handling of powder and bulk solids.

I would therefore like to invite the academic world and the representatives from the industry to take part in this important event. I look forward to meeting you at PARTEC 2019.

Prof. Dr.-Ing. Stefan Heinrich

Head of the Institute of Solids Process Engineering and Particle Technology of the Hamburg University of Technology (TUHH)
Chairman of PARTEC 2019

Scientific Committee

Antonyuk, S. – TU Kaiserslautern, Germany

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Chaouki, J. – EPM, Canada

Cocco, R. – PSRI, USA

Cölfen, H. – U. Konstanz, Germany

Coppens, M.-O. – UCL - Engineering, UK

Dave, R.-N. – NJIT, USA

Fan, L.-S. – U. Ohio State, USA

Fritsching, U. – U. Bremen, Germany

Frye, L. – Bayer AG, Germany

Fuji, M. – NITech, Japan

Ghadiri, M. – U. Leeds, UK

Herrmann, H. J. – ETH Zürich, Switzerland

Jacob, M. – Glatt Ingenieurtechnik GmbH, Germany

Jacob, K. – Dow Chemical Company, USA

John, E. – Novartis Pharma AG, Switzerland

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Kind, M. – KIT, Germany

Kleinebudde, P. – HHU Düsseldorf, Germany

Klupp-Taylor, R. – FAU Erlangen, Germany

Kraus, T. – INM – Leibniz, Germany

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Lettieri, P. – UCL, UK

Li, J. – CAS, China

Litster, J. – U. Sheffield, UK

Luding, S. – UT, Netherlands

Matsusaka, S. – U. Kyoto, Japan

Meesters, G.M.H. – TU Delft, Netherlands

Miller, R. – MPI of collids and Interfaces, Germany

Mühlenweg, H. – Evonik, Germany

Muzzio, F. J. – SoE Rutgers, USA

Naito, M. – U. Osaka, Japan

Ooi, J. – U. Edinbugh, UK

Palzer, S. – Nestlé Research Center, Switzerland

Peglow, M. – IPT-Pergande GmbH, Germany

Pirker, S. – JKU Linz, Austria

Prastinis, S. – ETH Zurich, Switzerland

Pui, D.Y.H. – U. Minnesota, USA

Riebel, U. – BTU Cottbus, Germany

Röthele, S. – Sympatec GmbH, Germany

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Schneider, G. – TU Hamburg, Germany

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Wollny, M. – Merck KGaA, Germany

Yu, A. – Monash University, Australia

Executive Committee

Heinrich, S. – Hamburg University of Technology, Germany

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Peuker, U. – TU Bergakademie Freiberg, Germany

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Topics and Subjects

PARTEC welcomes contributions from researchers in universities, industrial companies and other research organizations. Industry specific and also joint research proposals between industry and research organizations are appreciated. Contributions covering all aspects of particle science and applications are welcome.

Subjects of interest can include:

(Nano)-Structured Materials

- Formation and synthesis of particles in gas and liquid phases
- Structuring of aggregates, granules, crystals, precipitates, aerosols
- Characterization of particles (shape, size, pores, strength, rheology...)

Interface Controlled Processes

- Control of agglomeration, granulation, comminution...

- Modification/structuring/coating of surfaces
- Characterization of surface modifications

Applications of Particle Technology

- Manufacturing of particles for chemicals, electronics, pigments ...
- Economics of product development

Particles and Energy

- Particles for batteries, biorefineries
- Formation of particulate materials for energy processes
- Structure and performance

Modelling and Simulation

- CFD, DEM, population dynamics, Lattice-Boltzmann etc. methods for particulate processes
- Process evaluation with simulation
- Simulation of multiphase flows, surface properties, interaction behavior etc.

Life & Food Science

- Particles in food and biological processes (particulate food ingredients, algae...)
- Biological behavior and structural properties

Particles in Contact and Processing

- Contact mechanics of particle interaction (adhesion, cohesion)
- Processing and modification of particles
- Characterization of contact properties

Particles from Renewable Materials

- Recycling of particulate products
- Methods for particle recovering (attrition, classification...)

Pharmaceutical Particles

- Particle structure and pharmaceutical functionality
- Effects on health, environment...

Call for Submission of Contributions

Are you an expert on one of the areas of our topics? Then we call on you to make an active contribution to the success of the congress with a presentation.

Please submit a brief abstract of max. one A4 page by April 30, 2018, summarizing your presentation.

You can submit your paper at www.partec.info

TYPES OF CONTRIBUTION

Your contribution can take the form of:

1. a full presentation:

If your paper is accepted you will be allowed to speak 15 minutes, with additional 5 minutes for discussion

2. a poster presentation:

The posters will be presented in a relaxed atmosphere on April 9, 2019.

SUBMISSION OF ABSTRACTS

If you want to present a contribution your submission must include:

- Title of the paper and/or poster
- An abstract summarizing your paper
- Information about the lecturer and co-authors: name, title(s), company address, department, affiliation, e-mail, telephone and fax number

- In which topic area(s) your presentation should be listed
- How you would like to present your paper upon acceptance (full or poster presentation)

All abstracts will be reviewed. Please note that abstracts and final papers will be only accepted if they are uploaded to the conference's website:

www.partec.info

All submissions must be either Microsoft WORD (DOC or DOCX) or Portable Document Format (PDF) files. Your abstract must be received by April 30, 2018. Based on the abstract, the programme committee will decide on the acceptance and order of presentation in the conference programme. Please note that the number of co-authors named in the printed programme is limited up to two.

SUBMISSION OF THE FINAL MANUSCRIPT

If your paper is accepted you will be invited to submit the final manuscript which must be received by January 11, 2019 the latest. If you receive notification of acceptance, you will also receive instructions concerning manuscripts and a question form to be returned to the VDI Wissensforum. The accepted papers (full papers and posters) will be published in the conference proceeding USB-Stick provided to the conference participants.

Schedule

- Deadline for submission of abstracts April 30, 2018
- Notification of acceptance September 2018
- Final programme available in October 2018
- Deadline for submission of manuscripts January 11, 2019

General Information

The conference will last three days, comprising keynote addresses and presentations in a series of plenary and parallel sessions. The official language of the conference will be English. No simultaneous translation will be provided. The conference programme will be available in October 2018.

Travel expenses will not be paid.

Sponsors



Supporting Organisations



International Association for Pharmaceutical Technology (APV), Germany



The Chinese Academy of Sciences (CAS), China



German Association of Biotechnology Industries (DIB), Germany



Deutsche Keramische Gesellschaft (DKG), Germany



Deutscher Schüttgut-Industrie Verband (DSIV), Germany



The Chemical Industry and Engineering Society of China



IChemE PTSIG



The Research Association of the German Food Industry (FEI), Germany



Association for Aerosol Research (GAeF), Germany



VDI Society Chemical and Process Engineering (VDI-GVC), Germany



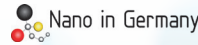
AIChE's Particle Technology Forum (AIChE's PTF), USA



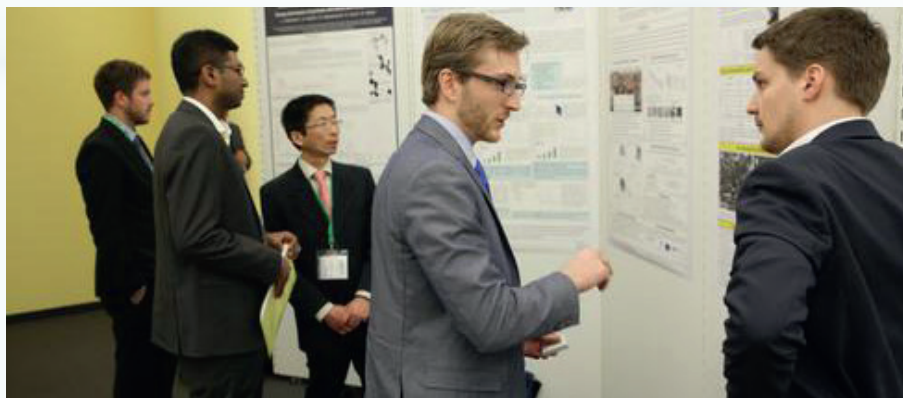
Society of Powder Technology



ProcessNet



Nano in Germany, Germany



Call for Papers PARTEC 2019

I shall be attending the International Congress on Particle Technology
PARTEC 2019 on April 9-11, 2019 in Nürnberg, Germany (99TA001019)

Please choose your price category:

3 Day Ticket*	Early booking (until January 11, 2019)	Regular Price	On Site Price
3-days regular price	<input type="checkbox"/> EUR 778.-	<input type="checkbox"/> EUR 934.-	<input type="checkbox"/> EUR 1,074.-
3-days academics, speakers, poster presenters	<input type="checkbox"/> EUR 583.-	<input type="checkbox"/> EUR 699.-	<input type="checkbox"/> EUR 805.-
3-days student (BSc, MSc, PhD students)	<input type="checkbox"/> EUR 302.-	<input type="checkbox"/> EUR 362.-	<input type="checkbox"/> EUR 417.-
1 Day Ticket*			
1-day regular price	-	-	<input type="checkbox"/> EUR 551.-
1-day academics, speakers, poster presenters	-	-	<input type="checkbox"/> EUR 396.-
1-day student	-	-	<input type="checkbox"/> EUR 204.-
Social Event*			
Exhibition Party on April 10, 2019 (19-24 h)		<input type="checkbox"/> EUR 27.-	<input type="checkbox"/> EUR 27.-

I will join the Get-together on April 9, 2019 (free of charge).

*Price per Person + VAT (The VAT directive of the respective country applies)

ASP

Last Name (Family Name) _____

First Name _____

Title _____

Jobtitle _____

Department _____

Company/Institute _____

Street _____

ZIP Code, City, Country _____

Fax _____

Phone _____

Email _____

Please state your invoice address if this differs from the address given

Participants with an invoice address outside of Austria, Germany and Switzerland are requested to kindly pay by credit card. Please book via website: www.partec.info

Date _____

× Your signature

VDI Wissensforum

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P.O. Box 10 11 39
40002 Düsseldorf
Phone: +49 211 6214-201
Fax: +49 211 6214-154
Email: wissensforum@vdi.de
www.partec.info

Registration: Registrations for conference attendance must be made in writing. Confirmation of your registration and the associated invoice will be mailed to you. Please do not pay your conference attendance fee until you have received our invoice and its invoice number to be stated for transfer.

Conference Venue:
Exhibition Centre Nuremberg, Messezentrum,
90471 Nürnberg, Germany

**Cooperation Partner -
Abstract + Registration Management:**
VDI Wissensforum GmbH, VDI-Platz 1, 40468 Düsseldorf, Germany

Organizer:
NürnbergMesse GmbH, Messezentrum, 90471 Nürnberg, Germany

Hotel Reservation:
For booking please visit www.partec.info/hotel
Nuremberg and the surrounding region offer you many possibilities for overnight accommodation. You can also contact us directly:
PartnerHotels NürnbergMesse
MesseService – Exhibition Services
Tel +49 911 8606-8415
hotels@nuernbergmesse.de

Delegate benefits: The conference package includes the conference proceedings on USB-Stick, coffee-break beverages, lunch and the Get together on April 9, 2019.

Conference attendance conditions and terms: By way of your registration you accept the conference attendance conditions and terms of [VDI Wissensforum GmbH](http://www.vdi.de) as binding. Any cancellation of your registration must be made in writing. We will charge you only an administrative fee of € 50.00 plus German VAT if you cancel your registration earlier than 14 days ahead of the conference date. Any cancellation that reaches us after this deadline will entail the conference attendance fee as stated in our invoice to be charged in full. The date of the post office stamp of your written cancellation will be the decisive criterion. In that case, we will gladly mail you the conference documents on request. Subject to agreement, you may name a substitute participant. Individual parts and sections of conferences and seminars cannot be booked. You will be informed without delay if an event has to be cancelled for unforeseeable reasons. In that instance, you will be entitled only to a refund of your conference attendance fee if already paid. We reserve the right to exchange speakers and/or change the program sequence in exceptional cases. In any case, the liability of VDI Wissensforum GmbH is restricted exclusively to the conference attendance fee.

Consent of the use of data protection: By way of your registration you accept that VDI Wissensforum GmbH and the organizer NürnbergMesse GmbH captures and processes the address data of conference participants for their own corporate advertising purposes, enabling renowned companies and institutes to reach out to participants by way of information and offers within their own marketing activities. We have outsourced in part the technical implementation of data processing to external service providers. If you do not want to receive any information and offers in the future, you may contradict the use of your personal data by us or any third parties for advertising purposes. In that case, kindly notify us of your contradiction by using the e-mail address wissensforum@vdi.de or any other of the contact options.