



SYMPOSIUM 2019

May 20 - 22, 2019

What you should know about **Paints**, **Coatings** & **Inks** ...

The World around Paints & Coatings and Inks

Present, Development and Future Challenges



Without colors, everyday life would be drab and boring. But today, colors are much more than the visual impression allows us to imagine.

With the aid of paints and coatings and impact and non-impact inks, various functionalities are often presented simultaneously.

Coatings serve to protect against corrosion, have an antistatic effect, are turned into simple, printed electronic components or indicate shelf life on packages of preserved products.

When we're driving, reflective or luminescent elements show us the way. Glass coatings automatically provide UV protection and will even act as generators for solar energy in the future.

Colors can completely change the visual appearance as well as the tactile properties of products. Materials are found in buildings today that look like marble, granite or wood, but are actually ceramic tiles.

Functional coatings require the formulation of colored organic or inorganic pigments and preferably ecological solvents, binders and fillers.

In the textiles sector, it is also required that they be anti-allergenic. In addition, mixing and dispersing machines, along with agitator bead mills of various designs, are required for the production of these dispersions.

For development and quality assurance, the characterization of particle size, color intensity, transparency or gloss is essential.



The Institute for Particle Technology (IPAT), the European Center for Dispersion Technologies (EZD), Malvern Panalytical, EVONIK Ressource Efficiency GmbH and NETZSCH-Feinmahltechnik GmbH invite you to actively participate in the presentation of Dispersion Days 2019 in Selb.

During the Dispersion Days symposium, we would like to discuss various developments and trends as well as the needs for the practice of the future. The meeting should help to bring experts in various fields from universities and colleges, institutes and industry closer together.

We offer you a platform for your presentation

Send us your abstract on one of the key topics:

- Characterization and particle size distribution
- Formulations and functionalizations with additives
- Production and processing of paints, coatings and printing inks
- Raw materials & raw materials handling of paints, coatings and inks



Registration date	Presentation form	Fees
till November 16, 2018	Plenary lecture (30 min + 15 min discussion) Technical presentation (20 min + 10 min discussion)	free of charge free of charge

The abstracts will be reviewed, so the desired option cannot be guaranteed.
Free catering during the symposium and the evening events. Accommodation info see www.dispersion-days.com

Information for participants

Registration date	Fees and discount Structure	Universities, colleges, research facilities etc.	Industry
till February 28, 2019	Attendance fee with early bird 15 % Fees with early bird and corporate discount 15 % > 10 persons of one company	382,00 € 315,00 €	765,00 € 630,00 €
from March 01 till April 30, 2019	Attendance fee Corporate discount 15 % > 10 persons of one company	450,00 € 382,00 €	900,00 € 765,00 €

Prices per person



The Institute for Particle Technology in Braunschweig is a leader in research and teaching in selected fields of mechanical process engineering and particle technology in particular, whereby the particle-particle interactions and the control of interfaces play a key role. Research activities are focused on the five work groups under the direction of Prof. A. Kwade and the Nanomaterials work group under the direction of Prof. G. Garnweitner.



Malvern Panalytical measuring technologies along with extensive application and industry expertise help scientists and technicians better understand a wide variety of materials, ranging from particle and nanoparticle suspensions and emulsions, via proteins and polymers, through to sprays and aerosols, industrial bulk powders, slurries and solids, such as metals, plastics or building materials. The technologies enable the measurement of parameters such as particle size, shape and zeta potential, biomolecular interactions and stability, rheological properties, elemental concentrations and crystallographic structure.



The Coating Additives Business Line of Evonik supplies its customers with optimal solutions in the paints, coatings and printing ink sectors and supports them in their efforts of the production of resource-efficient coatings. The Business Line bundles a diverse product portfolio for the coatings industry, like additives, co-binders, matting agents, fumed silica, specialty resins and nanoresins. Our world-famous brands include ACEMATT®, AEROSIL®, SURFYNOL®, and TEGO®. Its technology platform is one of its kind in the world and it allows innovative solutions to be developed for almost all challenges that may arise in the formulation of paints and coatings.

NETZSCH

The Business Unit „Grinding & Dispersing“ is the world's leading supplier of grinding and mixing technology. The comprehensive line of machines and systems is employed in a wide range of industries such as chemicals, minerals and food. The strength of the Business Unit lies in customized solutions for tasks in process engineering.



The European Center for Dispersion Technologies (EZD) in Selb is an interdisciplinary research and technology transfer center primarily focused on the production and characterization of dispersions. The EZD was established by local industry under the leadership of SKZ (the German Plastics Center) and opened in Selb in 2014. The EZD offers industry all key development work and services related to the topic of „dispersions.“

If you have questions, please contact:

NETZSCH-Feinmahltechnik GmbH
Sedanstraße 70 | 95100 Selb
Tel.: +49 9287 / 797 0

Mrs. Stefanie Reinhold
Tel.: +49 9287 / 797 219
E-Mail: stefanie.reinhold@netzsch.com