

Industrial Aspects of Crystallization

Tutorial at the ISIC 21, Monday, 31. August 2021

- **Dr. Elodie Verdurand**, Head of Solid Technology, DSM Nutritional Products AG, Switzerland
- **Dr. Claudia Pudack**, Director Evaporation and Crystallization Technologies, KBR Plinke GmbH, Germany
- **Dr. Erik Temmel**, Manager R&D Crystallization, Sulzer Chemtech AG, Switzerland
- **Dr. Manfred Stepanski**, Head Crystallization, Sulzer Chemtech AG, Switzerland

The tutorial provides an overview about crystallization in the industrial process chain from the development of process solutions to industrial practices. Topics covered include design methods, troubleshooting and optimization for crystallization processes and equipment in fine chemical, specialty & life-science and chemical industries. Case studies will demonstrate how recent developments can contribute to better performance and efficiency of integrated industrial processes.

Who should attend:

Industrial case studies are also provided, as well as new industry-relevant information, making this an ideal resource for industry experts, students, and researchers in the fields of industrial crystallization, separation processes, particle synthesis.

Program:

- Industrial aspects of crystallization. Introduction; Manfred Stepanski
- Melt crystallization of organic chemicals, Erik Temmel
- Evaporation crystallization of inorganic chemicals, Claudia Pudack
- Crystallization of fine and specialty & life-science chemicals Elodie Verdurand