

# **Modeling, Monitoring and Control of Crystallization Systems**

**Workshop at the ISIC21**

**2 September 2021, 14:30 – 17:30**

---



**Richard Braatz**

***MIT, USA***

**Elena Simone**

***Leeds Univ., UK***

**Nima Yazdanpanah**

***Procegen, USA***

**Zoltan K Nagy**

***Purdue Univ. USA/Loughborough Univ. UK***

**Botond Szilagyi**

***Purdue Univ. USA***

**21st International Symposium on Industrial Crystallization**

**30 August – 2 September 2021, online**

# Content of the workshop

- **Operation and modelling of industrial crystallization processes** **Richard Braatz**
- **Process monitoring and model-free control** **Elena Simone**
- **Model-based optimization and control of batch and continuous crystallization systems** **Zoltan K Nagy**
- **Unique quality, control, process, and regulations challenges in pharma continuous crystallization** **Nima Yazdanpanah**
- ***Modeling and optimization workshop using the CrySiV software package*** ***Botond Szilagyi***