

Special Issue

Modeling and Control of Crystallization

Message from the Guest Editors

The objective of this Special Issue is to provide an opportunity for scientists and engineers all over the world to publish their latest and original findings on theoretical and practical approaches to the modeling and control of crystallization processes, during both development and routine commercial manufacture. Potential topics include, but are not limited to:

- Process analytical technology (PAT) methods and tools that can lead to a more efficient development and control of robust crystallization processes
- Case studies and examples of how commercial crystallization processes are developed.
- Design and control of crystallization processes
- Examples of integration of crystallization with other unit operations—distillation, liquid–liquid separation, membrane separation, solid–liquid separation and filtration, drying, wet milling, reactions
- Population balance modeling for nucleation, growth, breakage, and aggregation processes
- Computational schemes to simulate the crystallization process
- Identification of parameters and kernels to predict size and shape distribution of crystals

Guest Editors

Dr. Christopher L. Burcham

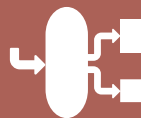
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