

2022 **MRS**[®]

FALL MEETING & EXHIBIT

November 27–December 2, 2022 | Boston, Massachusetts
December 6–8, 2022 | Virtual

Symposium SB05

Emergent Order and Mesoscale Structure Formation in Soft Condensed Matter

Topics will include:

- Kinetics, thermodynamics, and driving forces of structure formation
- Structure formation in the bulk, in layers, and in confinement
- Structure determination and analysis
- Particle synthesis and design
- Phase transitions
- Emergent functional properties (photonic, phononic, mechanical, etc.) and templating processes to create functional surface patterns and materials

Invited Speakers:

- Christopher Alabi (Cornell)
- Sara Bals (Antwerp)
- Ou Chen (Brown)
- Clyde Daly Jr. (Haverford)
- Michelle Driscoll (Northwestern)
- Yilong Han (HKUST)
- Liesbeth Janssen (TU/e)
- Daphne Klotsa (UNC Chapel Hill)
- Andrea Liu (UPenn)
- Lisa Manning (Syracuse)
- Monica Olvera de la Cruz (Northwestern)
- Benjamin Rogers (Brandeis)
- Stefano Sacanna (NYU)
- Metin Sitti (MPI IS)
- Silvia Vignolini (Cambridge)
- Junwei Wang (Cambridge)

Abstract Submission: May 16th – June 16th

Symposium Organizers:

- Julia Dshemuchadse
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- Chrisy Xiyu Du
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- Lucio Isa
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