
S E M I N A R
on
Semiconductor Physics and Nanotechnology

Mo, 31.03.2025, 11:15 Uhr,

**Seminar in
person in the Physics lecture hall or via Zoom**

**“A Toolbox for Complex Nanostructures: Strategies, Mechanisms,
and Perspectives”**

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Colloidal nanocrystals are promising materials for wide-ranging applications from light harvesting to catalysis to use as biomarkers. Semiconductor nanocrystals are especially interesting as tuneable antennas for light. In this presentation, the synthetic toolbox developed in our group will be described, from simple, precise nanoclusters to complex, multi-domain nanostructures that support directional processes, with a particular focus on the elucidation of structure and formation mechanisms.

Zoom – Link:

<https://zoom.us/j/96375934537?pwd=RTIKTWhSdzRHU211YTY1bGFxTUtpZz09>

[Meeting-ID: 963 7593 4537](#)

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