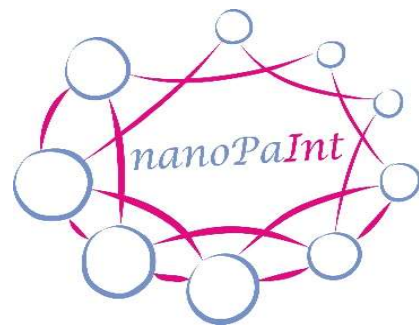


NanoPaInt: Strong nanoparticle interactions in dense suspensions
Marie Skłodowska – Curie ITN Network

Technische Universität Darmstadt | Peter-Grünberg-Str. 10 | 64289 Darmstadt



nanoPaInt (<http://nanopaint-itn.eu/>) Final Meeting and Workshop

Darmstadt, March 31st -April 1st, 2025
Georg-Christoph-Lichtenberg-Haus, Dieburger Str. 241

Open for external registered participants

Schedule

March 31st (Monday)

- 8:30 Arrival
- 9:00 Welcome, overview of nanoPaInt project (*Gambaryan-Roisman*)
- 9:30 The peculiar behavior of capillary suspensions (*Koos*)
- 10:20 Coffee break
- 10:50 Colloidal Semiconductor Quantum Dots: From Artificial Atoms to Artificial Molecules (*Banin*)
- 11:40 New materials for 2D, 3D, 4D printing (*Magdassi*)
- 12:30 Lunch and discussion
- 13:30 Particle-laden interfaces: equilibrium and rheological aspects (*Guzman*)
- 14:20 Deposition of molecules and particles from charged drops (*Butt*)
- 15:10 Coffee break
- 15:40 Complex liquids confined in thin films (*von Klitzing*)
- 16:30 Dynamics of corner capillary rise; ESR experience in ITN CoWet (*Tamamanna Gurumurthy*)
- 17:15 Closing of the first day

April 1st (Tuesday)

- 9:00 nanoPaInt Supervisory Board Meeting
- 10:30 Surfactants and their impact on multiphase systems (*Kovalchuk*)
- 11:20 Superspreading of trisiloxane surfactants - The mystery is solved!? (*Venzmer*)
- 12:10 Marie Curie Alumni Association: A Global Network (*Castro Nava*)
- 12:50 Lunch and discussion
- 13:50 Supercooled drops: wall impact, nucleation, and freezing, as well as properties of the mushy material (*Roisman*)
- 14:40 Microlayer Formation and Local Heat Transfer during Nucleate Boiling (*Stephan*)
- 15:30 Coffee break and discussion
- 16:00 Summary and closing words (*all, Gambaryan-Roisman*)
- 16:40 Closing of the workshop