

SoftComp Workshop in Tübingen April 3-5, 2017
Non-Equilibrium Dynamics and Structure Formation

organized by Frank Schreiber, Martin Oettel (Uni Tübingen),
 and Tanja Schilling (Uni Luxembourg/ Uni Freiburg)

Location: Schloss Hohentübingen, "Fürstenzimmer"

Monday, Apr 3		
14.00-14.15	Frank Schreiber	Welcome and Introduction
14.15-15.00	Joachim Krug	A bird's eye view on nonequilibrium surface morphologies
15.00-15.30		<i>Coffee Break</i>
15.30-16.15	Peter G. Vekilov	Metastable mesoscopic phases in protein aggregates
16.15-16.45	Fajun Zhang	Two-step nucleation in protein crystallization
16.45-17:15	Uwe Thiele	Crystallisation fronts and (travelling) localised states in (active) phase-field crystal models
17.15-17:45	Walter Tewes	Propagating Dewetting Fronts in Passive and Active Geometries
17.45-19.00		<i>Discussion with beer and wine</i>
Tuesday, Apr 4		
9.00-9.45	Sabine Klapp	Non-equilibrium self-assembly and growth of anisotropic particles at surfaces
9.45-10.05	Miriam Klopotek	Monolayers of hard rods: A soft matter model for non-equilibrium growth
10:10-10:30	Svetlana Gurevich	Dip-coating with prestructured substrates: transfer of simple liquids and Langmuir-Blodgett monolayers
10.30-11.00		<i>Coffee Break</i>
11.00-11.45	Stefan Kowarik	Real-time experiments, nucleation theory and the issue of molecular
11.45-12.05	Alexander Hinderhofer	Anomalous Roughness Evolution of Organic Mixed Films
12.10-12.30	Florian von Wrochem	CMOS compatible, ultra-robust metal-terpyridine thin-films
12.30-13.45		<i>Lunch</i>
13.45		<i>Workshop photo</i>

Tuesday, Apr 4		
14.00-14.45	Andreas Heuer	Structure formation of molecules on substrates after deposition
14.45-15.30	Thomas Speck	Phase transformation and nucleation in driven systems
15.30-16.00		<i>Coffee Break</i>
16.00-16.45	Olivier Pierre-Louis	Solid-state wetting and dewetting
16.45-17.05	DomenicoTruzzolillo	Nonequilibrium Interfacial Tension in Simple and Complex Fluids
17.10-17.30	Paolo Magaretti	A simple entropy-based model that captures polymer translocation across varying section channels
17.30-18.15	Tobias Kraus	Order and disorder in nanoparticle superstructures
19.00		<i>Conference dinner at Ludwigs</i>
Wednesday, Apr 5		
9.00-9.45	Marjolein Dijkstra	Unjamming glasses, removing grain boundaries with active colloids, and mechanical and chemical equilibrium in mixtures of active and passive colloids
9.45-10.05	Hans-Joachim Schöpe	Heterogeneous nucleation and growth in colloidal model systems
10.10-10.30	Josh T Berryman	An Amyloid Aggregation Process with Unexpected Dependence on Sequence, Concentration and pH
10.30-11.00		<i>Coffee Break</i>
11.00-11.45	Marisol Ripoll	Self-assembly of thermophoretic active colloids
11.45-12.30	Walter Zimmermann	
12.30		<i>Closing remarks</i>