

## Chemical and Polymer Physics Division Fachverband Chemische Physik und Polymerphysik (CPP)

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### Overview of Invited Talks and Sessions

(Lecture Rooms C130, C264 and C230; Poster A (H 2.OG))

#### Invited and Prize Talks

CPP 1.1	Mon	9:30–10:00	C 130	<b>Multiple glassy states and mechanics of soft colloids</b> — ●DIMITRIS VLASSOPOULOS
CPP 1.5	Mon	11:00–11:30	C 130	<b>Thermo-Rheological Properties of Fiber Networks</b> — ●CHRISTIAN FRIEDRICH, YASMIN KORTH, MARTIN KÜHNE
CPP 2.1	Mon	14:00–14:30	C 130	<b>Shear induced structures in lamellar systems: from layers to onions to onions and layers</b> — ●WALTER RICHTERING
CPP 2.5	Mon	15:30–16:00	C 130	<b>Structure and dynamics of magnetorheological fluids</b> — ●CLAUS GABRIEL, HANS MARTIN LAUN
CPP 16.1	Tue	9:30–10:00	C 130	<b>Imaging the flow of concentrated colloidal suspensions</b> — ●WILSON POON, LUCIO ISA, RUT BESSELING
CPP 16.2	Tue	10:00–10:30	C 130	<b>Stochastic thermodynamics of driven soft matter</b> — ●UDO SEIFERT
CPP 16.3	Tue	10:30–11:00	C 130	<b>Spatial cooperativity in soft glassy flows</b> — ●LYDÉRIC BOCQUET
CPP 17.1	Tue	14:00–14:30	C 130	<b>Soft Matter under Flow</b> — ●GERHARD GOMPPER
CPP 17.2	Tue	14:30–15:00	C 130	<b>Viscoelasticity of gels</b> — ●ANNETTE ZIPPELIUS, PETER MÜLLER
CPP 18.1	Tue	16:30–17:00	C 130	<b>Bifurcations in complex fluids</b> — ●INGO REHBERG, DFG-FORSCHERGRUPPE 608
CPP 26.1	Wed	14:00–14:30	C 264	<b>The Capillary Rise of Liquids in Nanopores</b> — ●PATRICK HUBER
CPP 28.1	Thu	16:30–17:00	C 264	<b>Mixing in passive and active microflows</b> — ●ARTHUR V. STRAUBE
CPP 35.1	Fri	10:30–11:00	C 130	<b>Nonlinear light scattering: Bridging the gap between surface science &amp; soft matter</b> — ●SYLVIE ROKE

#### Invited talks of the joint symposium SYMP

See SYMP for the full program of the Symposium.

SYMP 1.1	Thu	9:30–10:00	H 0105	<b>Hydrodynamic cooperativity in active fluids</b> — ●IGNACIO PAGONABARRAGA
SYMP 1.2	Thu	10:00–10:30	H 0105	<b>Hydrodynamic Effects on Molecular Motion</b> — ●RAYMOND KAPRAL
SYMP 1.5	Thu	11:15–11:45	H 0105	<b>Proton transport through water-filled narrow pores</b> — ●CHRISTOPH DELLAGO
SYMP 1.6	Thu	11:45–12:15	H 0105	<b>Role of fluctuations in the selectivity mechanism for the KcsA potassium channel</b> — ●MICHAEL E. PAULAITIS, DILIP ASTHAGIRI, LAWRENCE R. PRATT
SYMP 2.1	Thu	14:00–14:30	H 0105	<b>DNA mechanics and dynamics</b> — ●RICHARD LAVERY
SYMP 2.2	Thu	14:30–15:00	H 0105	<b>Charge mobility of discotic mesophases of polyaromatic hydrocarbons: a multiscale quantum/classical study</b> — ●DENIS ANDRIENKO
SYMP 2.4	Thu	15:30–16:00	H 0105	<b>Simulation of coarse-grained membrane models</b> — ●MARCUS MÜLLER
SYMP 2.5	Thu	16:00–16:30	H 0105	<b>Fragments of a computational cell: mesoscopic simulations of soft matter</b> — ●JULIAN C. SHILLCOCK

**Invited talks of the joint symposium SYSA**

See SYSA for the full program of the Symposium.

SYSA 1.1	Tue	9:30–10:00	H 0105	<b>Level alignment at metal/organic interfaces</b> — ●FERNANDO FLORES
SYSA 2.1	Tue	10:45–11:15	H 0105	<b>Organic film growth and organic-metal interfaces</b> — ●NORBERT KOCH
SYSA 2.5	Tue	12:00–12:30	H 0105	<b>Molecular n-doping of organic semiconductors</b> — ●ANTOINE KAHN, CALVIN CHAN
SYSA 3.1	Tue	14:30–15:00	H 2013	<b>Charge transport and contact effects in organic semiconductors</b> — ●ALBERTO SALLEO, LESLIE JIMISON, JONATHAN RIVNAY, LUDWIG GORIS, MICHAEL TONEY
SYSA 4.1	Tue	16:30–17:00	H 2013	<b>Polymer electronics - Charge transport at organic-organic heterointerfaces</b> — ●HENNING SIRRINGHAUS
SYSA 6.1	Wed	14:30–15:00	H 2013	<b>Organometallic Nanojunctions Probed by Different Chemistries: Thermo-, Photo, and Mechanochemistry</b> — ●I. STICH, M. KONOPKA, R. TURANSKY, J. REICHERT, N. L. DOLTSINIS, H. FUCHS, D. MARX
SYSA 7.1	Wed	17:45–18:15	H 2013	<b>Designing the nanostructure of the organic polymer - metal interface</b> — ●STEPHAN V. ROTH
SYSA 8.1	Thu	17:00–17:30	H 2032	<b>Nanostructure and transport in regioregular polythiophenes and their block copolymers</b> — RUI ZHANG, BO LI, JESSICA R. COOPER, MIHAELA IOVU, GENEVEVIE SAUVE, DAVID N. LAMBETH, DETLEF-M. SMILGIES, RICHARD D. McCULLOUGH, ●TOMASZ KOWALEWSKI

**Invited talks of the joint symposium SYSM**

See SYSM for the full program of the Symposium.

SYSM 1.1	Tue	14:00–14:30	H 0105	<b>Two-Focus Fluorescence Correlation Spectroscopy: A versatile tool for precise measurements of molecular diffusion</b> — ●JÖRG ENDERLEIN, ANASTASIA LOMAN, THOMAS DERTINGER, IRIS VON DER HOCHT, BERND MÜLLER, VICTOR PACHECO, KONSTANTIN KOMOLOV, KARL-WILHELM KOCH, INGO GREGOR
SYSM 1.2	Tue	14:30–15:00	H 0105	<b>Tracking and Manipulating Single Molecule Diffusion in Liquids</b> — ●FRANK CICHOS
SYSM 1.3	Tue	15:00–15:30	H 0105	<b>Single Molecule Studies on Myosin Motors</b> — ●CLAUDIA VEIGEL
SYSM 1.4	Tue	16:00–16:30	H 0105	<b>Real-time observation of bacteriophage T4 gp41 helicase reveals unwinding mechanism</b> — M. MANOSA, T. LIONNET, M. M. SPIERING, S. J. BENKOVIC, D. BENSIMON, ●V. CROQUETTE
SYSM 1.5	Tue	16:30–17:00	H 0105	<b>From valleys to ridges: Exploring the dynamic energy landscape of single membrane proteins</b> — ●DANIEL MÜLLER

**Sessions**

CPP 1.1–1.8	Mon	9:30–12:15	C 130	<b>DRG-DPG SYMPOSIUM Rheology I</b>
CPP 2.1–2.8	Mon	14:00–16:45	C 130	<b>DRG-DPG SYMPOSIUM Rheology II</b>
CPP 3.1–3.9	Mon	10:00–12:30	C 264	<b>Liquid Crystals and Polar Fluids</b>
CPP 4.1–4.8	Mon	14:30–16:45	C 264	<b>Colloidal Fluids</b>
CPP 5.1–5.9	Mon	10:00–12:30	C 230	<b>New Materials</b>
CPP 6.1–6.10	Mon	14:00–16:45	C 230	<b>Electronic+Optical Properties</b>
CPP 7.1–7.26	Mon	16:45–19:00	Poster A	<b>POSTERS Rheology</b>
CPP 8.1–8.20	Mon	16:45–19:00	Poster A	<b>POSTERS Dynamics and Diffusion</b>
CPP 9.1–9.26	Mon	16:45–19:00	Poster A	<b>POSTERS Single Molecules, Biopolymers, Membranes</b>
CPP 10.1–10.12	Mon	16:45–19:00	Poster A	<b>POSTERS New Materials, Organic Semiconductors</b>
CPP 11.1–11.8	Tue	10:00–12:15	C 264	<b>DRG-DPG SYMPOSIUM Rheology III</b>
CPP 12.1–12.6	Tue	11:00–12:30	C 230	<b>Confined Fluids</b>
CPP 13.1–13.14	Tue	15:00–18:45	C 264	<b>Colloidal and Nanoparticles</b>
CPP 14.1–14.6	Tue	15:00–16:30	C 230	<b>Membranes</b>
CPP 15.1–15.8	Tue	17:00–19:00	C 230	<b>Single Molecules</b>
CPP 16.1–16.8	Tue	9:30–12:30	C 130	<b>SYMPOSIUM Driven Soft Matter I</b>
CPP 17.1–17.6	Tue	14:00–16:00	C 130	<b>SYMPOSIUM Driven Soft Matter II</b>
CPP 18.1–18.7	Tue	16:30–18:30	C 130	<b>SYMPOSIUM Driven Soft Matter III</b>
CPP 19.1–19.8	Wed	14:00–16:00	C 130	<b>SYMPOSIUM Driven Soft Matter IV</b>

CPP 20.1–20.37	Wed	16:00–18:30	Poster A	<b>POSTERS Driven Soft Matter</b>
CPP 21.1–21.29	Wed	16:00–18:30	Poster A	<b>POSTERS Colloids, Nanoparticles and Aggregates</b>
CPP 22.1–22.24	Wed	16:00–18:30	Poster A	<b>POSTERS Micro- and Nanofluidics</b>
CPP 23	Wed	14:00–17:15	C 243	<b>Single Molecules (joint session BP/CPP)</b>
CPP 24	Wed	17:30–19:30	PC 203	<b>Semiflexible Polymers and Networks (joint session BP/CPP)</b>
CPP 25.1–25.6	Wed	14:30–16:00	C 230	<b>Polyelectrolytes</b>
CPP 26.1–26.7	Wed	14:00–16:00	C 264	<b>Micro and Nano Fluidics I: Liquids at structured materials</b>
CPP 27.1–27.9	Thu	14:00–16:15	C 264	<b>Micro and Nano Fluidics II: Slipping + soft objects in flow</b>
CPP 28.1–28.7	Thu	16:30–18:30	C 264	<b>Micro and Nano Fluidics III: Migration and flow</b>
CPP 29.1–29.12	Thu	9:30–12:45	C 130	<b>Polymerphysics I</b>
CPP 30.1–30.11	Thu	14:00–17:00	C 130	<b>Polymerphysics II</b>
CPP 31.1–31.6	Thu	9:30–11:00	C 264	<b>Thin Films</b>
CPP 32.1–32.5	Thu	11:15–12:30	C 264	<b>Colloid Dynamics</b>
CPP 33.1–33.7	Thu	15:00–16:45	C 230	<b>Molecular Structure</b>
CPP 34.1–34.58	Thu	17:00–19:30	Poster A	<b>POSTERS Polymerphysics</b>
CPP 35.1–35.7	Fri	10:30–12:30	C 130	<b>Interfaces</b>
CPP 36.1–36.9	Fri	10:30–12:45	C 264	<b>Biopolymers and Biological Systems</b>
CPP 37.1–37.8	Fri	10:30–12:30	C 230	<b>Molecular Dynamics</b>

## Annual General Meeting of the Chemical and Polymer Physics Division

Mittwoch 18:30–19:30 Raum C 264

- Begrüßung und Bericht
- Tagungsnachlese
- Stichwortkatalog, eingeladene Sprecher und Symposien für 2009
- Verschiedenes