

## CHEMISCHE PHYSIK UND POLYMERPHYSIK (CPP)

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 ÜBERSICHT DER HAUPTVORTRÄGE UND FACHSITZUNGEN  
 (Hörsäle TU C130, TU C230 und TU C243)

**Fachinternes Symposium:**  
**“Dynamics of multi-component fluids“**

Organisation:

Robert Magerle, Technische Universität Chemnitz, E-Mail: robert.magerle@physik.tu-chemnitz.de

Ulrich Handge, ETH Zürich, E-Mail: ulrich.handge@mat.ethz.ch

Walter Zimmermann, Universität des Saarlandes, Saarbrücken, E-Mail: wz@lusi.uni-sb.de

Freitag, 10:00–19:00, TU C243

**Fachinternes Symposium:**  
**„Polymer networks and beyond: From molecular structure to materials and biological functions“**

Organisation:

Jens-Uwe Sommer, CNRS Mulhouse, E-Mail: ju.sommer@uha.fr

Erwin Frey, Hahn-Meitner-Institut Berlin, E-Mail: frey@hmi.de

Annette Zippelius, Universität Göttingen, E-Mail: annette@theorie.physik.uni-goettingen.de

Eberhard Riedle, Universität München, E-Mail: riedle@physik.uni-muenchen.de

Samstag, 08:30–18:45, TU C243

**Hauptvorträge**

CPP 1.1	Fr	10:00	(TU C243)	<b>Direct visual observation of thermal capillary waves</b> , <a href="#">Dirk Aarts</a> , Matthias Schmidt, Henk Lekkerkerker
CPP 2.1	Fr	11:15	(TU C243)	<b>Non-equilibrium Dynamics of Giant Vesicles</b> , <a href="#">Hans-Günther Döbereiner</a>
CPP 3.1	Fr	14:00	(TU C243)	<b>Rheology and morphology of multiphase polymer blends</b> , <a href="#">Martin Laun</a> , Marrian Mours, Inge Vinckier, Filip Osterlink, Paula Moldenaers
CPP 4.1	Fr	15:45	(TU C243)	<b>Hybrid models for Mixed Soft Systems: Lessons from Computer Games</b> , <a href="#">Johannes Fraaije</a>
CPP 6.2	Sa	08:40	(TU C243)	<b>Random network media and their universal properties: Landau theory and beyond</b> , <a href="#">Paul Goldbart</a>
CPP 6.3	Sa	09:10	(TU C243)	<b>The inside view: computer simulations and molecular theories of entangled polymer melts, solutions and networks</b> , <a href="#">Ralf Everaers</a>
CPP 7.1	Sa	10:45	(TU C243)	<b>Composite Actin Networks</b> , <a href="#">David Weitz</a>
CPP 7.2	Sa	11:15	(TU C243)	<b>Biomimetic Protein Filament Networks</b> , <a href="#">Joachim Spatz</a> , Jennifer Curtis, Wouter Roos, Jens Ulmer, Christian Schmitz, Simon Schulz
CPP 8.1	Sa	14:15	(TU C243)	<b>The diffusion of polymers in networks and the importance of network structure</b> , <a href="#">Mark Geoghegan</a>
CPP 8.2	Sa	14:45	(TU C243)	<b>Liquid Crystal Elastomers: Mechanics and Optics</b> , <a href="#">Heino Finkelmann</a>

## Fachsitzungen

CPP 1	<b>SYMPOSIUM: Dynamics of multi-component fluids I</b>	Fr	10:00–11:00	TU C243	CPP 1.1–1.3
CPP 2	<b>SYMPOSIUM: Dynamics of multi-component fluids II</b>	Fr	11:15–12:30	TU C243	CPP 2.1–2.4
CPP 3	<b>SYMPOSIUM: Dynamics of multi-component fluids III</b>	Fr	14:00–15:15	TU C243	CPP 3.1–3.4
CPP 4	<b>SYMPOSIUM: Dynamics of multi-component fluids IV</b>	Fr	15:45–17:00	TU C243	CPP 4.1–4.4
CPP 5	<b>SYMPOSIUM: Dynamics of multi-component fluids POSTER</b>	Fr	17:15–19:00	Poster TU D	CPP 5.1–5.32
CPP 6	<b>SYMPOSIUM: Polymer networks and beyond: From molecular structure to materials and biological functions</b>	Sa	08:30–10:10	TU C243	CPP 6.1–6.5
CPP 7	<b>SYMPOSIUM: Polymer networks and beyond: From molecular structure to materials and biological functions II</b>	Sa	10:45–12:45	TU C243	CPP 7.1–7.6
CPP 8	<b>SYMPOSIUM: Polymer networks and beyond: From molecular structure to materials and biological functions III</b>	Sa	14:15–16:40	TU C243	CPP 8.1–8.8
CPP 9	<b>SYMPOSIUM: Polymer networks and beyond: From molecular structure to materials and biological functions POSTER</b>	Sa	16:45–18:45	Poster TU D	CPP 9.1–9.22
CPP 10	<b>Light induced phenomena I</b>	Mo	09:45–11:00	TU C230	CPP 10.1–10.5
CPP 11	<b>Light induced phenomena II</b>	Mo	11:15–12:30	TU C230	CPP 11.1–11.5
CPP 12	<b>Selforganized and supramolecular assemblies I</b>	Mo	09:45–11:00	TU C243	CPP 12.1–12.5
CPP 13	<b>Selforganized and supramolecular assemblies II</b>	Mo	11:15–12:30	TU C243	CPP 13.1–13.5
CPP 14	<b>Polymer physics at the surface</b>	Mo	16:30–17:45	TU C130	CPP 14.1–14.5
CPP 15	<b>Special techniques</b>	Mo	16:30–17:45	TU C230	CPP 15.1–15.5
CPP 16	<b>Time-resolved phenomena</b>	Mo	16:30–17:45	TU C243	CPP 16.1–16.5
CPP 17	<b>Physics of polymers I</b>	Di	09:45–11:00	TU C130	CPP 17.1–17.5
CPP 18	<b>Physics of polymers II</b>	Di	11:15–12:30	TU C130	CPP 18.1–18.5
CPP 19	<b>Dynamics I</b>	Di	09:45–11:00	TU C230	CPP 19.1–19.5
CPP 20	<b>Dynamics II</b>	Di	11:15–12:30	TU C230	CPP 20.1–20.5
CPP 21	<b>Nanoparticles</b>	Di	09:45–11:00	TU C243	CPP 21.1–21.5
CPP 22	<b>Colloids</b>	Di	11:15–12:30	TU C243	CPP 22.1–22.5
CPP 23	<b>Polymer films I</b>	Di	14:00–15:00	TU C130	CPP 23.1–23.4
CPP 24	<b>Polymer films II</b>	Di	15:15–16:15	TU C130	CPP 24.1–24.4
CPP 25	<b>Biological systems I</b>	Di	14:00–15:00	TU C230	CPP 25.1–25.4
CPP 26	<b>Biological systems II</b>	Di	15:15–16:15	TU C230	CPP 26.1–26.4
CPP 27	<b>Nano tubes and fibres</b>	Di	14:00–15:00	TU C243	CPP 27.1–27.4
CPP 28	<b>Nano structures</b>	Di	15:15–16:15	TU C243	CPP 28.1–28.4
CPP 29	<b>POSTER: Polymer physics</b>	Di	16:30–18:30	Poster TU D	CPP 29.1–29.70
CPP 30	<b>POSTER: Chemical physics</b>	Di	16:30–18:30	Poster TU D	CPP 30.1–30.64
CPP 31	<b>Polymer physics: special techniques</b>	Mi	09:45–11:00	TU C130	CPP 31.1–31.5
CPP 32	<b>Polymer dynamics</b>	Mi	11:15–12:30	TU C130	CPP 32.1–32.5
CPP 33	<b>Novel materials I</b>	Mi	09:45–11:00	TU C230	CPP 33.1–33.5
CPP 34	<b>Novel materials II</b>	Mi	11:15–12:30	TU C230	CPP 34.1–34.5
CPP 35	<b>Single molecules I</b>	Mi	09:45–11:00	TU C243	CPP 35.1–35.5
CPP 36	<b>Single molecules II</b>	Mi	11:15–12:30	TU C243	CPP 36.1–36.5

**Symposium "Organic Optoelectronics and Photonics"**

siehe auch gesonderten Programmteil SYOO

**Hauptvorträge**

SYOO 3.1	Mo	14:00	(TU HE101)	<b>Excited states at heterojunctions between polymeric semiconductors,</b> <u>Richard H. Friend</u>
SYOO 3.2	Mo	14:45	(TU HE101)	<b>Organic Semiconductors: New Materials, Physics and Devices for Modern Optoelectronics,</b> <u>Stephen Forrest</u>
SYOO 3.3	Mo	15:30	(TU HE101)	<b>Organic Single-crystal Field-Effect Transistors,</b> <u>Alberto Morpurgo</u>
SYOO 4.1	Mo	16:30	(TU HE101)	<b>Light-emitting Organic Semiconductors: Materials and Devices,</b> <u>Ifor D. W. Samuel</u>

**Fachsitzungen**

SYOO 1	<b>Organic Field-Effect Transistors</b>	Mo 09:45–11:15	TU C130	SYOO 1.1–1.6
SYOO 2	<b>Optoelectronic Properties</b>	Mo 11:30–13:00	TU C130	SYOO 2.1–2.6
SYOO 3	<b>Organic Optoelectronics and Photonics I</b>	Mo 14:00–16:15	TU HE101	SYOO 3.1–3.3
SYOO 4	<b>Organic Optoelectronics and Photonics II</b>	Mo 16:30–17:15	TU HE101	SYOO 4.1–4.1
SYOO 5	<b>Optoelectronic Devices</b>	Mo 17:15–18:00	TU HE101	SYOO 5.1–5.3
SYOO 6	<b>Poster</b>	Mo 18:00–20:00	Poster TU A	SYOO 6.1–6.66

**Mitgliederversammlung des Fachverbands Chemische Physik und Polymerphysik**

Di 18:30–19:45 TU C130

**Tagesordnung**

Bemerkungen zur laufenden Tagung

Wahl eines stellvertretenden Fachbereichsprechers

Anregungen zu Folgetagungen

Symposien

Sonstiges

**Für das leibliche Wohl ist gesorgt!**