

# PolyColl 2010



SCS

Division of  
Polymers and Colloids

Monday June 21<sup>st</sup>, 2010

University of Basel  
Kollegienhaus, Petersplatz 1

This year, our traditional PolyColl Meeting will be held in conjunction with the Annual Meeting of the Swiss Physical Society and with further participation of the 3 NCCRs (National Centers of Competence in Research): MaNep (Materials with Novel Electronic Properties), Nanoscale Science and Quantum Photonics. This interdisciplinary event offers you the unique opportunity to get updated on your own fields of interest, as well as to learn more about actual developments in related scientific areas. The whole conference is a two day event, but you have the possibility to register only for the first day which includes our own PolyColl session. It is focussed on today's exciting industrial applications of nanomaterials.

## Program of June 21<sup>st</sup>, 2010

### Plenary Lectures

- 9.00-9.40 Gerd Leuchs, MPI Erlangen  
*50 Jahre Laser: "Genauer - Schneller - Kleiner - Heller"*
- 9.40-10.20 Felicitas Paus, ETHZ & CERN  
*The Large Hadron Collider at CERN: Entering a new era in unravelling the mystery of matter, space and time*
- 10.20-10.50 Coffee Break
- 10.50-11.30 Laurens W. Molenkamp, University of Würzburg,  
*Dirac Fermions in HgTe Quantum Wells*
- 11.30-12.10 Julius Vancso, University of Twente  
*Nanofabrication with Organometallic Polymers*
- 12.10-13.55 Lunch Break
- PolyColl Parallel Session*
- 13.55-14.00 Bettina Steinmann, President of the Division of Polymers and Colloids  
*Welcome note*
- 14.00-14.30 Peter Nesvadba, BASF, Basel  
*Nitroxides containing polymers as novel redoxactive electrode materials for Li-ion batteries*
- 14.30-15.00 Rita Hofmann, Ilford, Marly  
*Nanostructured layers with selected chemical and optical properties*
- 15.00-15.30 Frank Tabellion, Bühler PARTEC GmbH, Saarbrücken  
*Advanced eco friendly waterborne coatings due to a novel nanoscaled additive*
- 15.30-16.00 Coffee Break
- 16.00-16.30 Jochen Stock, Clariant AG, MuttENZ  
*Polymers in the textile process chain*
- 16.30-17.00 Aart Molenberg, Institut Straumann AG, Basel  
*Nanosized Polymeric Structures in Dental Tissue Regeneration*
- 17.00-17.30 Michael Schuleit, Novartis AG, Schweiz  
*Polymer mobilisation and drug substance dynamics in dissolving pharmaceutical solid dispersions*
- 17.30 Closing remarks
- 17.30-19.00 Poster Session

For information about the other afternoon parallel sessions and the presentations of the second day of the conference, please visit the website of the Swiss Physical Society [www.sps.ch](http://www.sps.ch)

Please submit your poster abstracts online to <http://conference.sps.ch/>

## Special Registration Fees for SCS members for June 21<sup>st</sup>

	Monday 21 <sup>st</sup> , without lunch, including coffee breaks	Monday, 21 <sup>st</sup> , without lunch, including coffee breaks, apéro and barbecue in the evening
Members:	CHF 55.-	CHF 85.-
Students:	CHF 40.-	CHF 70.-

If the fees are paid after June 1<sup>st</sup>, 2010 or you pay cash at the conference, you have to add a surcharge of CHF 20.- on the conference fee.

## Registration Form

Deadline: June 1<sup>st</sup>, 2010

Name	First Name	Titel
Affiliation		
Address		
Tel:	Fax:	e-mail:
Member ID-No:		
Please indicate if you are a normal member or a student and which option you choose (with our without barbecue in the evening):		
Normal member	Student:	
Conference fee without barbecue:	Conference fee including barbecue:	

Please fax to +41 26 439 95 99 or e-mail to: [steinmannb@3dsystems.com](mailto:steinmannb@3dsystems.com)

Please pay via bank transfer to:

UBS AG	CH-8098 Zürich	Acc.No. 230-10 556 160.0
SWIFT UBSWCHZH80A	Clearing No. 230	IBAN CH84 0023 0230 1055 6160 0

Please indicate: **Spring Meeting DPK 2010, name and member ID-No.**

***If you want to attend the whole two day event, or you are not member of the SCS, please register online at: [www.sps.ch](http://www.sps.ch)***

*Directions: Please use public transportation. From the train stations Basel SBB or Badischer Bahnhof, take bus no. 30 to "Spalentor" or "University".*