



Elite Study Program - Macromolecular Science

Advanced Module M064

Future Trends in Polymer Science

Part I. Seminar University of North Carolina at Chapel Hill, USA

September 15, 2023, 14:00 – 17:15
Polymer Nanostructures Building (PNS)

Part II. Conference „Bayreuth Polymer Symposium 2023“

September 17 – 19, 2023
University of Bayreuth

Part III. Meet the international speakers

September 19, 2023, 12:30 – 13:30
Polymer Nanostructures Building (PNS)

Part IV. Presentation by the participants

September 22, 2023, 10:00 – 12:00 and 13:00 – 15:00
Polymer Nanostructures Building (PNS)

Module Coordination:

Prof. Hans-Werner Schmidt, Dr. Klaus Kreger

Summer term 2023

The **Bayreuth Polymer Symposium 2023** is the 18th biennial international Bayreuth Polymer Symposium. Current topics of interest from research areas are presented including functional polymers, polymer colloids, polymer interfaces, polymer nanostructures, supramolecular polymers, biobased polymers, microplastic, circular economy and 3D-printing.

A primary objective of this meeting is to bring people together from different areas of polymer, colloid and materials science to discuss different aspects of fundamental and applied research. The symposium provides a platform for dialog between researchers from universities, research institutions, and industry.

To further foster the international networking, Ed Samulski and Theo Dingemans from the University of North Carolina at Chapel Hill will introduce their University and present two research seminars.

Part I: Seminar University of North Carolina at Chapel Hill, USA

Friday, September 15, 2023, 14:00 – 17:15, PNS ground floor, seminar room

The seminar is structured as follows:

14:00 – 14:15	Introduction	Hans-Werner Schmidt
14:15 – 14:45	Introduction to the University of North Carolina at Chapel Hill, USA	Ed Samulski and Theo Dingemans
14:45 – 15:45	Seminar	Theo Dingemans
15:45 – 16:15	<i>Coffee break</i>	
16:15 – 17:15	Seminar	Ed Samulski

Part II: Conference „Bayreuth Polymer Symposium 2023”

September 17-19, 2023, University of Bayreuth

The participants have to attend at the BPS '23, which covers current topics of interest from the field of functional polymers, polymer colloids, polymer interfaces, polymer nanostructures, supramolecular polymers, biobased polymers, microplastic, circular economy and 3D-printing.

Part III. Meet the international speakers

Tuesday, September 19, 2023, 12.30 – 13.30, PNS ground floor, Foyer

The participants will have the opportunity to get in direct contact with the conference speakers of the BPS '23 in the frame of a “Meet the International Speakers” session. Here, the participants have the opportunity to further build up their scientific network. A lunch buffet and soft drinks will be offered.

The participants will also have the opportunity to meet the international speakers during the conference dinner on Tuesday evening.

Part IV: Presentation by the participants

Friday, September 22, 2023, 10.00 – 12.00 and 13.00 – 15.00, PNS ground floor, seminar room

During BPS '23 the participants will select one lecture of a speaker, which impressed him/her the most. The participants will prepare a short presentation (15 minutes) about the biography of the speaker, the content of the talk and reasons why this particular lecture/speaker was chosen. The presentations and discussions will be given in English.