7th SoMaS Summer School: "Organic Electronics: Correlations between Structure and Electronic Properties"

PROGRAMME

Sunday, July 2

15:30 – 16:00	Welcome Coffee
16:00 – 17:00	Opening Remarks *(Günter Reiter & Jörg Baschnagel)*
	Opening Lecture 1: Structure-property relationships in molecular electronic materials *(Jenny Nelson)*
17:00 – 18:00	Opening Lecture 2: Physics of organic solar cells *(Uli Würfel)*
18:00 – 19:30	Welcome Reception & Discussion on "Career pathways in academia" *(Jenny Nelson & Uli Würfel)*
19:30	Dinner

Monday, July 3

09:00 – 12:30	Lecture 1: Coarse-graining techniques and multiscale simulations *(Denis Andrienko)*
12:30 – 14:00	Lunch Break
14:00 – 16:00	Tutorial 1: Coarse-graining techniques and multiscale simulations *(Denis Andrienko)*
16:00 – 16:30	Coffee Break
16:30 – 18:30	Poster Session A
18:45 – 19:30	Aperitif
19:30	Dinner

Tuesday, July 4

09:00 – 12:30	Lecture 2: High performance materials for organic electronic devices: From synthesis aspects to applications in photovoltaics, field-effect transistors and beyond *(Michael Sommer)*
12:30 – 14:00	Lunch Break
14:00 – 16:00	Tutorial 2: High performance materials for organic electronic devices: From synthesis aspects to applications in photovoltaics, field-effect transistors and beyond *(Michael Sommer)*
16:00 – 16:30	Coffee Break
16:30 – 18:30	Poster Session B
18:45 – 19:30	Aperitif
19:30	Dinner

Contact: Dr. Jana Husse, IRTG / Soft Matter Science
Phone +49 761 203 67834 Email softmattergraduate@uni-freiburg.de

Wednesday, July 5

09:00 – 09:45	Research Seminar L1/1: Comparison of systematic coarse-graining strategies for soluble conjugated polymers *(Christoph Scherer)* Macroscopic composition of poly(bithiophene-alt-thienothiophene)(PBTTT) *(Anton Melynk)*
09:45 – 10:30	Research Seminar L1/2: Modelling of nano-scaled properties of self-assembling polymers for organic electronics *(Irina Nyrkova)*
10:30 – 11:00	Coffee Break
11:00 – 11:45	Research Seminar L2/1: Probing morphology, electronic structure, and triplet routes: the case for time-resolved EPR in organic electronics *(Till Biskup)*
11:45 – 12:30	Research Seminar L3/1: Revealing structure-function relationships in organic nanostructures by optical spectroscopy *(Richard Hildner)*
12:30 – 14:00	Lunch Break
14:00 – 15:30	Lecture 3: How to use assembly and mesoscale structure to generate energy (*Rachel Segalman*)
15:30 – 17:00	Free Time for Discussion
17:00 – 22:30	Vineyard Tour & Dinner at "Domaine Humbrecht" in Gueberschwihr

Thursday, July 6

09:00 – 13:00	Lecture & Tutorial 3: How to use assembly and mesoscale structure to generate energy *(Rachel Segalman)*
13:00 – 14:00	Lunch Break
14:00 – 14:45	Research Seminar L3/2: Elucidating charge transport in radical-containing polymers and the application to energy conversion devices *(Bryan Boudouris)*
14:45 – 15:30	Research Seminar L2/2: How to characterize conjugated materials *(Simon Schmidt)*
15:30 – 16:00	Coffee Break
16:00 – 16:45	Research Seminar L2/3: Five-membered heterocycles as building blocks for electronically diverse conjugated homopolymers *(Frank Pammer)*
16:45 – 18:45	Free Time for Discussion
18:45 – 19:30	Aperitif
19:30	Dinner

Friday, July 7

09:00 – 13:00	Career Workshop: Job application training for doctoral students *(Matthias Mayer)*
13:00 – 14:30	Lunch & Closing Remarks
14:30	Departure of Buses