

RTG 2861 PCL Summer School 2023 | PROGRAM

Time	Monday July 10	Tuesday July 11	Wednesday July 12	Thursday July 13	Friday July 14
09:00-09:30		Mounting of posters			
09:30-10:00		Lecture 1 Prof. Heiko Weber	HbP: Setting up the teams (discussions & preparations) (DRs only)	Lecture 7 Prof. Andreas Hirsch	GA meeting
10:00-10:30				Coffee break	
10:30-11:00		Coffee break		Coffee break	Coffee break
11:00-11:30		Flash presentations of DRs ^[1]	Lecture 3 Prof. Sabine Maier	Lecture 8 Prof. Stefan Kaskel	Introduction of the HbP teams
11:30-12:00		Lunch (hotel), Welcome coffee & Registration	Lunch (hotel)	Lunch (hotel)	Poster award & Closing
12:00-12:30					Lunch (hotel)
12:30-13:00		Opening Prof. Thomas Heine	Lecture 2 Prof. Stefan Hecht	Lecture 4 Dr. Ji Ma	L10: Good scientific practice (I) Dr. Christian Schmitt- Engel
13:00-13:30				Coffee break (1 h)	
13:30-14:00		L1: Introduction of the Hobby project competition (HbP) Prof. Norbert Jux	Poster flash presentations of DRs ^[1]		Coffee break
14:00-14:30	Coffee break				
14:30-15:00	HbP: Setting up the teams (DRs only)	Poster session (16:00 - 19:30)	Lecture 6 Dr. Hongde Yu		
15:00-15:30			HbP: Setting up the teams (discussions & preparations) (DRs only)		
15:30-16:00			Dinner outdoors & Visit of Teufelsberg		
16:00-16:30					
16:30-17:00					
17:00-17:30					
17:30-18:00	Dinner (hotel)	Dinner (hotel) starts at 19:30	Dinner (hotel)		
18:00-18:30					
18:30-19:00					
19:00					

DRs = Doctoral Researchers, GA = General Assembly, HbP = Hobby Projects

[1] There will be 9 DRs participating. Each DR will have 5-6 minutes to present her/his working plan for the first year of the RTG-PCL. The flash presentations in the afternoon (1-3 min each) are meant for announcing the posters.

Invited Speakers

Speaker	Title of presentation
Prof. Norbert Jux	"Introduction of the Hobby Project Competition"
Prof. Heiko Weber	"Research Data Management"
Prof. Stefan Hecht	"On-surface Polymerization: Genesis and Perspectives"
Prof. Sabine Maier	"On-Surface Synthesis: A Bottom-Up Strategy to Low-Dimensional Carbon Structures"
Dr. Ji Ma	"Topology and Property Engineering of Precision Graphene Nanostructures"
Dr. Renhao Dong	"Conductive 2D MOFs"
Dr. Hongde Yu	"Metal-Free Magnetism in Triangulene Dimer and 2D Polymers"
Prof. Andreas Hirsch	"Chemical Patterning of Graphene"
Prof. Stefan Kaskel	"Dimensionally controlled chemistry of Metal-Organic Frameworks: From 1D to 4D"
Dr. Christian Schmitt-Engel	"Good scientific practice"

Poster session, 11 July, 2023

Doctoral Researcher (PI group)	Poster Title
Anjana Aravind (Brunner)	"In situ and solid state spectroscopy of PCLs"
Boris Borisov (Feng)	"Precision Synthesis of Helical Nanographenes and GNRs with new topology"
Diyana U. Dzujah (Heine)	"Controlling the Band Gap of Graphene with Vacancies"
Jiwon Byun (Halik)	"A Visible Light-Responsive Optomorphonic Supramolecular Transistor"
Kevin Gerein (Hirsch)	"Towards Functional 2D-Engineering of Graphene"
Linda Feuerstein (Weidinger)	" <i>Operando</i> spectroelectrochemistry of PCL electrodes"
Majid Shaker (Steinrück)	"Synthesis of graphene on Rh(111) as a substrate for on-surface assembly of Pt-ligands"
Paul-Alexander Laval-Schmidt (Dong)	TBA
Sijia Feng (Weber)	"Investigation of light-matter interaction under the environmental control of 2D materials"

Monday, July 10th

Time	Activity	Speaker
12:30 - 14:30	<i>Lunch (hotel), Welcome coffee & Registration</i>	
14:30 - 14:40	Opening	Prof. Thomas Heine
14:40 - 16:00	L1: Introduction of the Hobby project competition (HbP)	Prof. Norbert Jux
16:00 - 16:30	<i>Coffee break</i>	
16:30 - 19:00	HbP: Setting up the teams	Session for the Doctoral Researchers
19:00	<i>Dinner (hotel)</i>	

Tuesday, July 11th

Time	Activity	Speaker
9:00 - 9:30	Mounting of posters	Doctoral Researchers
9:30 - 11:00	L2: Research Data Management (RDM)	Prof. Heiko Weber
11:00 - 11:30	<i>Coffee break</i>	
11:30 - 12:30	Flash presentations of DRs	Doctoral Researchers
12:30 - 13:30	<i>Lunch (hotel)</i>	
13:30 - 14:30	L3: On-surface Polymerization: Genesis and Perspectives	Prof. Stefan Hecht
14:30 - 15:30	<i>Coffee break</i>	
15:30 - 16:00	Poster flash presentations of DRs	Doctoral Researchers
16:00 - 19:30	Poster session	
19:30	<i>Dinner (hotel)</i>	

Wednesday, July 12th

Time	Activity	Speaker
9:30 - 10:30	HbP: Setting up the teams (discussions & preparations)	Doctoral Researchers
10:30 - 11:00	<i>Coffee break</i>	
11:00 - 12:00	L4: On-Surface Synthesis: A Bottom-Up Strategy to Low-Dimensional Carbon Structures	Prof. Sabine Maier
12:00 - 13:00	<i>Lunch (hotel)</i>	
13:00 - 14:00	L5: Topology and Property Engineering of Precision Graphene Nanostructures	Dr. Ji Ma
14:00 - 15:00	L6: Conductive 2D MOFs	Dr. Renhao Dong
15:00 - 15:30	<i>Coffee break</i>	
15:30 - 16:00	L7: Metal-Free Magnetism in Triangulene Dimer and 2D Polymers	Dr. Hongde Yu
16:00 - 17:30	HbP: Setting up the teams (discussions & preparations)	Doctoral Researchers
17:30	<i>Dinner outdoors & Visit of Teufelsberg^[1]</i>	

^[1] What is Teufelsberg Berlin? Find out [here](#)

Thursday, July 13th

Time	Activity	Speaker
9:30 - 10:30	L8: Chemical Patterning of Graphene	Prof. Andreas Hirsch
10:30 - 11:00	<i>Coffee break</i>	
11:00 - 12:00	L9: Dimensionally controlled chemistry of Metal-Organic Frameworks: From 1D to 4D	Prof. Stefan Kaskel
12:00 - 13:00	<i>Lunch (hotel)</i>	
13:00 - 15:00	L10: Good scientific practice (Part 1)	Dr. Christian Schmitt-Engel
15:00 - 15:30	<i>Coffee break</i>	
15:30 - 18:00	L10: Good scientific practice (Part 2)	Dr. Christian Schmitt-Engel
18:00 - 19:00	<i>Free time</i>	
19:00	<i>Dinner (hotel)</i>	

Friday, July 14th

Time	Activity	Speaker
9:30 - 10:30	General Assembly (GA) meeting	
10:30 - 11:00	<i>Coffee break</i>	
11:00 - 11:30	Introduction of the HbP teams	Doctoral Researchers
11:30 - 12:00	Poster award & Closing	
12:00 - 13:00	<i>Farewell Lunch (hotel)</i>	