

**Group Retreat**  
**Hotel Aquino, Berlin**  
**14.-17. December 2023**

**Preliminary programme**

Arrival: Thursday 14. December 2023 late afternoon

Departure: Sunday 17. December 2023 late morning

## Friday 15. December 2023

09:00	Welcome and introduction	Peter Lang
09:15	Microscopy (Fluorescence and confocal)	Pavlik Lettinga
10:15	Recent results and future research on blood flow in 3D microfluidic channels	Pavlik Lettinga
11:00	Introduction of planned PhD project	Margot Bellenguez
11:15	Coffee break	
11:45	Static scattering methods	Peter Lang
12:45	Lunch break	
13:45	Colloidal Interactions	Peter Lang
14:45	Colloidal phase behaviour and a small overview of research work	Johan Buitenhuis
15:30	Coffee break	
16:00	Recent results and future research on DNA-hybrid systems	Manolis Stiakakis
17:00	Introduction of planned PhD project	Theodora Menidiati
17:15	Introduction to numerical methods in soft matter research	Gerhard Nägele /Wim Briels

## Saturday 16. December 2023

10:00	Basics of Rheology	Jan Dhont
11:00	Electric Response of Biomolecules: Field-driven Relaxation and local Oscillations / Aggregation and Phase behaviour of proteins	Kyongok Kang / Florian Platten
12:00	Recent results and future work on proteins in electric fields	Debes Ray
12:45	Lunch break	
13:45	Dynamic (light) scattering methods	Peter Lang
14:45	Results of PhD-work	Alex Rivera-Morán
15:30	Coffee break	
16:00	Open discussion for identification of internal collaborations and synergies	
18:00	Transfer to retreat dinner	
18:30	Retreat dinner // continued discussion	