***Program** of the 19th* **mol**CH**surf** *discussion meeting*

Friday, June 13, 2025

University of Bern, Dept. Chemistry and Biochemistry, Freiestrasse 3, Room EG16

08:45 – 09:15	*Registration* *(please bring CHF 80 in cash!)*	
09:15 – 09:20	Welcome	Leo Gross
	Keynote	*Chair*: Leo Gross
09:20 – 10:05	On-Surface Synthesis and Single-Molecule Manipulation for the Atomically Precise Prototyping of Carbon Nanostructures	Michael Gottfried, Philipps-Universität Marburg, Germany
	Recent developments I	
10:05 – 10:30	Detecting Wannier Centers in Artificial Lattices in the STM: 1D topological chains	Rian Ligthart, UZH
Coffee break		
	Recent developments II	*Chair*: Fabian Natterer
11:00 – 11:25	Fusing Cyclocarbons	Lisanne Sellies, IBM
11:25 – 11:50	Following spin interactions into a chemical bond formation	Dimitry Borodin,QNS
11:50 – 12:15	On-surface synthesis of monolayer graphitic carbon-nitride	Miloš Baljozović, Empa/ PSI
Lunch	*at Restaurant Beaulieu* *(incl. in registration fee)*	
	Brief reports I	*Chair:* Rémy Pavlak
14:30 – 14:50	Atomistic Simulation-Driven Design of Spin-Polarized STM Tips	Nanchen Dongfang, UZH
14:50 – 15:10	Inelastic Spin Excitations in Sm on graphene/Ir(111): Role of Interatomic Distance and Kondo Effects	Tamara De Ara Garcia, EPFL
15:10 – 15:30	SUMO-LUMO Inversion in Open-Shell Porphyrin-Nanographene Hybrid Structures	Feifei Xiang, Empa
Coffee break		
	Brief reports II	*Chair:* Pascal Ruffieux
15:50 – 16:10	Adsorption of heteroatom doped PAH derivatives on metals	Gema Navarro, UBAS
16:10 – 16:30	New light at the end of the tunnel - PEARL @ SLS 2.0	Matthias Muntwiler, PSI
16:30 – 16:45	**Final discussion & Outlook**	*Chair: Roman Fasel*

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List of registered participants *(as of 02.06.2025)*

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by a short 10 min walk
The Department of Chemistry and Biochemistry can be reached from the train station (Hauptbahnhof Bern) by a short 10 min walk. After getting off the train, ignore the escalator/ stairs on the platform and head down into the main station underpass. Take one of the elevators at the end of the underpass near platform 13 and ride to the 4th floor "Grosse Schanze". Turn round, and pass between the two large historic buildings (the railroad administration on the left and the main University building on the right). Cross Hochschulstrasse and turn right after the small park. Walk along the main road (Länggassstrasse). Approx. 100 meters later, you will see a restaurant named "Beaulieu" on the left; from there follow Erlachstrasse departing slightly to the left from the main street. After approx. 200 m pass the roundabout and walk straight on. You will find the Department of Chemistry and Biochemistry on your left, about 50 m after the roundabout.

by Bus Nr. 12 - direction "Länggasse" from Bern Railway station (plan of bus stops at railway station), leave at the bus-stop "Mittelstrasse", cross the road at the zebra crossing opposite the post office, turn left into Fellenbergstrasse, walk along Fellenbergstrase until end of the street. Turn right, the DCB is opposite the Paulus Church (Freiestrasse 3).

by car
A1/A12 direction Neuchâtel/Fribourg, exit Bern-Neufeld. Turn left in the direction of Länggasse. At the traffic light turn right into Bremgartenstrasse and go straight on to the roundabout. Turn left into Länggassstrasse. At the second traffic light turn right into Muesmattstrasse. Take the first on the left which is Freiestrasse. The DCB is opposite the church. Parking is strictly limited to 60 min in the whole area. For longer parking opt for the railway station car park.

Lecture room **EG16** is located on the ground floor of the North building