

# Program of the 16<sup>th</sup> mol(CH)surf discussion meeting

Friday, June 10, 2022

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



08:45 – 09:15 **Registration** (please bring CHF 50 in cash!)

09:15 – 09:20 Welcome Thomas Greber

## Keynote

Chair: Gabriela Borin Barin

09:20 – 10:05 Detection of spin-polarized states in engineered graphene nanostructures Jose Ignacio Pascual, nanoGUNE

## Recent developments I

10:05 – 10:30 STM-induced luminescence from graphene nanoribbons Song Jiang, IPCMS

*Coffee break*

## Recent developments II

Chair: Marina Pivetta

11:00 – 11:25 Decoupling of graphene nanoribbons via intercalation of gold chloride Amogh Kinikar, Empa

11:25 – 11:50 Electron Paramagnetic Resonance in STM: from the technical challenge to the magnetism of individual adsorbates Stepan Kovaric, ETHZ

11:50 – 12:15 On-surface chemistry on proximity-induced superconductors Jung-Ching Liu, UBAS

*Lunch*

*at Restaurant Beaulieu*

## Brief reports I

Chair: Ernst Meyer

14:10 – 14:25 Squarate based low-dimensional metal-organic frameworks Egzona Neziri, Empa

14:25 – 14:40 Fast QPI imaging of PTCDA/Ag(111) interface states Danyang Liu, UZH

14:40 – 15:55 Selectivity in tip-induced reactions Florian Albrecht, IBM

14:55 – 15:10 Self-assembly and single-molecule manipulation of borazine on Ag(111) Tobias Weiss, TUM

*Coffee break*

## Brief reports II

Chair: Huanyao Cun

15:40 – 15:55 Exploration of heterocycles in the synthesis of N-doped graphene-like materials Shi-Xia Liu, UBE

15:55 – 16:10 Electrospray deposition of nanoribbons and other large molecules Sebastian Scherb, UBAS

## Updates from the SLS

16:10 – 16:20 X-Treme insights into organometallic single-molecule magnets at surfaces Jan Dreiser, PSI

16:20 – 16:30 From PEARL to QUEST Matthias Muntwiler, PSI

16:30 – 16:40 **Final discussion & Outlook** Chair: Roman Fasel

# molCHsurf XVI (2022)

List of registered participants (as of 08.06.2022)



Name	First Name	Affiliation	e-mail
Ahsan	Aisha	UBAS	aisha.ahsan@unibas.ch
Albrecht	Florian	IBM	FAL@zurich.ibm.com
Bassi	Nicolo	Empa	nicolo.bassi@empa.ch
Borin Barin	Gabriela	Empa	gabriela.borin-barin@empa.ch
Bosch	Maximilian	IBM	maximilian.bosch@ibm.com
Cahlik	Ales	UZH	ales.cahlik@physik.uzh.ch
Cebrat	Aleksandra	Empa	aleksandra.cebrat@empa.ch
Chahib	Outhmane	UBAS	outhmane.chahib@unibas.ch
Cun	Huanyao	UZH	hycun1@physik.uzh.ch
Decurtins	Silvio	UBE	decurtins@dcb.unibe.ch
Dreiser	Jan	PSI	jan.dreiser@psi.ch
Fasel	Roman	Empa	roman.fasel@empa.ch
Greber	Thomas	UZH	greber@physik.uzh.ch
Heinrich	Martin	PSI/UNIBAS	martin.heinrich@psi.ch
Herrera Reinoza	Nataly	PSI	nataly.herrera-reinoza@psi.ch
Hinaut	Antoine	UBAS	antoine.hinaut@unibas.ch
Huang	Shuyu	UBAS	shuyu.huang@unibas.ch
Jena	Nityasagar	UMONS	nityasagar.jena@umons.ac.be
Jiang	Song	IPCMS	song.jiang@ipcms.unistra.fr
Kinikar	Amogh	Empa	amogh.kinikar@empa.ch
Kolly	Isabelle	UBE	isabelle.kolly@unibe.ch
Kovarik	Stepan	ETHZ	stepan.kovarik@mat.ethz.ch
Kurowská	Anna	EPFL	anna.kurowska@epfl.ch
Lee	Weichuang	UZH	weichuang.lee@physik.uzh.ch
Li	Chao	UBAS	chao.li@unibas.ch
Lieske	Leonard-Alexander	IBM	lal@zurich.ibm.com
Liu	Danyang	UZH	danyang.liu@physik.uzh.ch
Liu	Jung-Ching	UBAS	jungching.liu@unibas.ch
Liu	Shi-Xia	UBE	liu@dcb.unibe.ch
Lüthi	Dominik	Empa	dominik.luethi@empa.ch
Maugeri	Emilio-Andrea	PSI	emilio-andrea.maugeri@psi.ch
Merino Diez	Nestor	Empa	nestor.merino-diez@empa.ch
Meyer	Ernst	UBAS	ernst.meyer@unibas.ch
Mishra	Shantanu	IBM	shm@zurich.ibm.com
Muntwiler	Matthias	PSI	matthias.muntwiler@psi.ch
Navarro Marín	Gema	UBAS	gema.navarro@unibas.ch
Neziri	Egzona	Empa	egzona.neziri@empa.ch
Novotny	Zbynek	UZH	novotny@physik.uzh.ch
Paschke	Fabian	Uni Konstanz	fabian.paschke@uni.kn
Pascual	Nacho	nanoGUNE	ji.pascual@nanogune.eu
Pivetta	Marina	EPFL	marina.pivetta@epfl.ch
Romankov	Vladyslav	PSI	vladyslav.romankov@psi.ch
Ruffieux	Pascal	Empa	pascal.ruffieux@empa.ch
Scherb	Sebastian	UBAS	sebastian.scherb@unibas.ch
Scheurer	Fabrice	IPCMS	fabrice.scheurer@ipcms.unistra.fr
Schlitz	Richard	ETHZ	richard.schlitz@mat.ethz.ch
Schneider	Wolf-Dieter	EPFL	wolf-dieter.schneider@epfl.ch

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Seitsonen	Ari	ENS	ari.p.seitsonen@iki.fi
SK	Rejaul	UBAS	rejaul.sk@unibas.ch
Song	Yiming	UBAS	yiming.song@unibas.ch
Turco	Elia	Empa	elia.turco@empa.ch
Vaclavkova	Diana	PSI	diana.vaclavkova@psi.ch
Vishwakarma	Aishwarya	ETHZ	aishwarya.vishwakarma@mat.ethz.ch
Wäckerlin	Christian	Empa	christian.waeckerlin@empa.ch
Wei	Huang	ETHZ	wei.huang@mat.ethz.ch
Weiss	Tobias	TUM	t.weiss@tum.de
Xiang	Feifei	Empa	feifei.xiang@empa.ch
Xu	Wangwei	Empa	wangwei.xu@empa.ch
Zhao	Chenxiao	Empa	chenxiao.zhao@empa.ch
Zhou	Ping	UBE	ping.zhou@dcb.unibe.ch

### How to find us:

Universität Bern | Departement für Chemie und Biochemie | Freiestrasse 3 | CH-3012 Bern |

#### 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 Fellenbergstrasse 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.

