



Programme du GUMP 2025 :

Thème 2025 : L'imagerie et la préparation d'échantillons fragile et sensible.

Liste des présentations :

- TBD / **Boureau Victor** - EPFL
- Low-dose STEM-EELS as a tool to investigate nanoscale redox processes: the case of uranium oxides / **Bartova Barbora** - CIME EPFL
- Micro-compartiments Eut chez E. coli : caractérisation structurale par cryoET et traitement d'images / **Shayan Ramteen** - Centre de biologie integrative (CBI) de Toulouse
- TEM imaging of natural fluoro-apatite implanted with ions at JANNuS-Orsay, MOSAIC ion beam facility - **Aurélie Gentils** - Université Paris-Saclay, CNRS/IN2P3, IJCLab, Orsay
- Structure in-cellulo et devenir des complexes de réplication du virus Chikungunya - Patrick Bron - Centre de Biologie Structurale
- A Software-Assisted Crystallographic Approach for Achieving Specific Beam Orientations for TEM Characterization - **Yudong Zhang** - LEM3, UMR 7239, CNRS, Université de Lorraine
- l'imagerie par contraste de canalisation des électrons (ECCI) dans un MEB (Apreo)- **Etienne Lavallee** - KAI GmbH/ université Lorraine.
- Une question/une Diapo :

17/11 Monday			
14:00	Pick up from Vienna		Airport
16:00 – 18:00	Welcome & GUMP opening		Hôtel international
18:00	Free time		Brno
18/11 Tuesday			
9:00 - 12:00	Opening Petr Strelec + presentation in common session		Factory
12:00 - 13:00	Lunch		Factory
13:00 - 13:30	Gathering + changing to lab kit		Factory
13:30 - 17:00	Factory tour + rotation		Factory
18:00	Free time		Brno
19/11 Wednesday			
8:00	Pick up from hotel (Bus)		Hôtel international
9:00 - 10:30	Presentations (common session)		Factory
10:30 - 12:00	AG du GUMP		Factory
12:00 - 13:30	Lunch		Factory
Split sessions (2 à 3 groupes en rotations)	Life science	Materials science /	Factory
13:30 - 14:15	SDB and TEM instrument demo/tour	Inert gas transfer connectivity	Factory

14:15 - 15:00	SDB and TEM instrument demo/tour	4DSTEM + Low dose (remote Talos-built in functionality)	Restaurant
15:00 - 15:30	Coffee break		
15:30 - 16:15	SDB and TEM instrument demo/tour	Talos - cold FEG, EDS detector	Restaurant
16:15 - 17:00	Table ronde		
18:00 - evening	Gala dinner in Brno city center		
20/11 Thursday			
9:00 - 12:00	presentation in common session + une diapo / Une question		
12:00 - 13:00	Lunch		
Split sessions (2 à 3 groupes en rotations)	Life science	Materials science /	Factory
13:30 - 14:15	Lamella prep workshop	Scripting (interactive on Talos remotely from nanoport, in meeting room.)	Factory
14:15 - 15:00	Lamella prep workshop	TEM sample prep - automation (Helios 5FX)	Factory
15:00 - 15:30	Coffee break		Factory
15:30 - 16:15	TEM and Tomo 5 Tomo Live workshops	Scios 3	Factory
16:15 - 17:00		Illiad demo (remote)	Factory
From 17:30	Bus to hotel, check in and free time		Brno
18:00	Free time		Brno
21/11 Friday			
9:00 - 11:00	GUMP Closing session and validation of the next meeting		Hôtel international
11:00 - 12:00	Bus transfer from Hotel to Vienna		Hôtel international - airport