

Geneva chemistry & biochemistry days

2018

TH 18 January 2018, 09:00–17:00

FR 19 January 2018, 09:00–12:00

Sciences II – Auditoire A300 – quai Ernest-Ansermet 30 – 1205 Genève

No registration required

Prof. Ben Feringa

Rijksuniversiteit Groningen – Nobel Prize in Chemistry 2016

Prof. Laura Gagliardi

University of Minnesota

Prof. Bruno Lemaître

École Polytechnique Fédérale de Lausanne

Prof. Luis Liz-Marzán

CIC biomaGUNE, San Sebastián | Ikerbasque, Bilbao

Junior speakers:

- Sebastian Benz • Marta Brucka • Tianchi Cao • Nicolas Chuard •
- Ilaria Di Meglio • Nicolas Ecker • Léo Egger • Alexandre Homberg •
- Svilen Kozhuharov • Jorge Larios • Martin Magg • Hetty Manenschijn •
- Ciro Romano • Jacques Saarbach • Alexander Zech •

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FACULTÉ DES SCIENCES
SECTION DE CHIMIE ET BIOCHIMIE



UNIVERSITÉ
DE GENÈVE

PROGRAMME – THURSDAY, 18 JANUARY

Senior chairman: **Prof. Michal Borkovec**

Junior chairwoman: **Prof. Charlotte Aumeier**

09:00-09:05	Prof. Stefan Matile	Welcome message
09:05-09:50	Prof. Luis Liz-Marzán CIC biomaGUNE + Ikerbasque	Chemistry and spectroscopy of noble metals at the nanoscale
09:50-10:10	Ciro Romano	Remote refunctionalizations by long-range isomerization of olefins
10:10-10:30	Hetty Manenschijn	The contribution of monomeric myosin motors to endocytic membrane bending
10:30-10:50	Coffee break Main hall of Sciences III	
10:50-11:10	Léo Egger	Synthesis of dioxepines, spiro ketals and pyrrolidines by CpRu-catalyzed decomposition of α -diazo- β -ketoesters
11:10-11:30	Alexander Zech	Modelling excited states in complex environments
11:30-11:50	Marta Brucka	Highly resolved pure shift 2D NMR experiments for fast spectral assignment
11:50-14:20	Lunch and photo (speakers + chairmen/women + steering committee) Restaurant <i>la Cantine des Commerçants</i> , boulevard Carl-Vogt	

Senior chairman: **Prof. Clément Mazet**

Junior chairman: **Dr Tatu Kumpulainen**

14:20-14:40	Nicolas Ecker	A phase-field approach for studying actin-wave driven cell migration
14:40-15:00	Alexandre Homberg	Synthesis and applications of chiral polyether macrocycles
15:00-15:20	Tianchi Cao	Heteroaggregation of oppositely charged particles in the presence of multivalent ions
15:20-15:40	Coffee break Main hall of Sciences III	
15:40-16:00	Sebastian Benz	σ Holes in action for transport and catalysis
16:00-16:45	Prof. Ben Feringa Rijksuniversiteit Groningen	The art of building small
16:45-	<i>Verre de l'amitié</i> Main hall of Sciences III	
Last minute programme modifications to the printed book of abstracts are given above in red/bold		



PROGRAMME – FRIDAY, 19 JANUARY

Senior chairmen: **Prof. Tomasz Wesolowski, Prof. Aurélien Roux**Junior chairman: **Dr Gregor Trefalt**

08:30- -09:15	Prof. Laura Gagliardi University of Minnesota	Computationally guided discovery of metal-decorated metal-organic frameworks active for catalysis
09:15- 09:35	Jacques Saebach	Kinase template abiotic reaction
09:35- -09:55	Paola Morelli	Cell-penetrating poly(disulfide)s: Focus on sidechain engineering
09:55- -10:15	Ilaria Di Meglio	Epithelial cell division under 3D constraint
10:15- -10:35	Svilen Kozhuharov	Probing and manipulating polymer properties on the single molecule level
10:35- -11:05	Coffee break	Main hall of Sciences III
11:05- -11:25	Martin Magg	Raman optical activity of single-walled carbon nanotube enantiomers
11:25- -11:45	Nicolas Chuard	Strain-promoted thiol-mediated uptake: From disulfides to diselenides
11:45- -12:30	Prof. Bruno Lemaitre École Polytechnique Fédérale de Lausanne	The foreign within: <i>Drosophila-Spiroplasma</i> interaction as a model of insect endosymbiosis
12:30- -12:35	Prof. Eric Vauthey	Award of the best oral presentation
12:35- -12:40	Prof. Stefan Matile	Concluding remark

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