



Auditorium Protisvalor
 Saint-Charles, Marseille

Wed 2		Thu 3		Fri 4	
		09:00-09:40	Hart	09:00-09:40	Genot
		09:40-10:20	Dubi	09:40-10:20	Sangiogo Gil
		10:20-10:50	<i>break</i>	10:20-10:50	<i>break</i>
		10:50-11:30	Michelini	10:50-11:30	Lacroix
		11:30-12:00	<i>Flash talks 2</i>	11:30-12:00	<i>Flash talks 4</i>
		12:00-12:30	<i>Discussions</i>	12:00-12:30	<i>Discussions</i>
12:45-13:45	<i>Welcoming</i>	12:00-14:00	<i>Lunch</i>		
13:45-14:00	<i>Opening</i>				
14:00-14:40	Romero	14:00-14:40	Granucci		
14:40-15:20	Barbatti	14:40-15:20	Nenov		
15:20-15:50	<i>break</i>	15:20-15:50	<i>break</i>		
15:50-16:30	Tron	15:50-16:30	Leonard		
16:30-17:00	<i>Flash talks 1</i>	16:30-17:10	Crespo-Hernandez		
17:00-17:30	<i>Discussions</i>	17:10-17:45	<i>Flash talks 3</i>		
		17:45-18:15	<i>Discussions</i>		

Wednesday, 2 November 2022

12h45-13h45: Welcoming participants

13h45: Workshop Opening

Chair: Fabienne MICHELINI

14:00 – 14:40: Elisabet ROMERO

Engineering Bio-Inspired Chromophore-Protein Assemblies for Solar-Energy Conversion to Fuel

14:40 – 15:20: Mario BARBATTI

Perspectives in Mixed Quantum-Classical Dynamics for Modeling Molecular Photoprocesses

15:20 – 15:50: Coffee break

15:50 – 16:30: Thierry TRON

Artificial photosynthetic architectures for solar fuel production

16:30 – 17:00: Flash talks 1

17:00 – 17:30: Discussions

Thursday, 3 November 2022

Chair: Josene TOLDO

09:00 – 9:40: Stéphanie HART

Programming exciton dynamics with synthetic DNA scaffolds

09:40 – 10:20: Yonatan DUBI

Do photosynthetic complexes use quantum mechanics to enhance their performance?

10:20 – 10:50: Coffee break

10:50 – 11:30: Fabienne MICHELINI

Time-dependent quantum transport in nanoscale device inspired by a photosynthetic reaction center

11h30 – 12:00: Flash talks 2

12:00 – 12:30: Discussions

12:30 – 14:00: Lunch

Thursday, 3 November 2022

Chair: Anne-Marie DARE

14:00 – 14h40: Giovanni GRANUCCI

Photochemistry in the strong coupling regime

14:40 – 15:20: Artur NENOV

Insights from quantum dynamics simulations of the ultrafast photophysics in biosystems: sub-100fs coherent excitation energy transfer in NADH

15:20 – 15:50: Coffee break

15:50 – 16:30: Jérémie LEONARD (remote)

Ultrafast optomechanical energy conversion at the molecular scale

16:30 – 17:10: Carlos CRESPO-HERNANDEZ (remote)

Development and Spectroscopic Investigations of Biocompatible Photosensitizers for the Treatment of Cancer Cells

17:10 – 17:40: Flash talks 3

17:40 – 18:10: Discussions

Friday, 4h November 2022

Chair: Marc BESCOND

09:00 – 09:40: Anthony GENOT (remote)

Programming at the nanoscale with DNA

09:40 – 10:20: Eduarda SANGIOGO GIL

Surface Hopping Dynamics with an Extended Exciton Model in a Semiempirical Framework

10:20 – 10:50: Coffee break

10:50 – 11:30: Thibaut LACROIX

Using Tensor Networks to study Open Quantum Systems: from biology to nanodevices

11:30 – 12:00: Flash talks 4

12:00 – 12h30: Discussions and Closing Remarks

FLASH TALKS

Flash talks 1: Wednesday, 2 November 2022, 16:30 – 17:00	
Paul Dalla Valle	IM2NP, Aix-Marseille University
Saikat Mukherjee	ICR, Aix-Marseille University
Saeed Shareef	Institute of Chemical Research of Catalonia (ICIQ)
Mariano Curti	Institute of Chemical Research of Catalonia (ICIQ)
Flash talks 2: Thursday, 3 November 2022, 11h30 – 12:00	
Anne-Marie Daré	IM2NP, Aix-Marseille University
Ruth Helena Tichauer	Universidad Autónoma de Madrid
Guéric Etesse	IM2NP, Aix-Marseille University
Irene Conti	Università di Bologna
Flash talks 3: Thursday, 3 November 2022, 17:10 – 17:45	
Francesco Montorsi	University of Bologna
Luisa X. Hallado	Institute of Chemical Research of Catalonia (ICIQ)
Gustavo Mondragon-Solorzano	National Autonomous University of Mexico
Anna Hehn	University of Zurich
Flash talks 4: Friday, 4 November 2022, 11:30 – 12:00	
Arif Ullah	Xiamen University
Vishal Kumar Jaiswal	Università di Bologna
Tahsin Akalin	Université de Lille
Jacopo Fregoni	Universidad Autónoma de Madrid
Sevde Karatas	LISM Marseille

LIST OF PARTICIPANTS

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