

COST Action CA21159: "Understanding interaction light - biological surfaces: possibility for new electronic materials and devices"

Management Committee Meeting, Work Groups Meeting, Conference

Agenda

From 08/04/2024 at 08:30:00 to 10/04/2024 at 18:30:00

Strasbourg, France

Palais de la Musique, Strasbourg, France

Biomedical Spectroscopy, Microscopy, and Imaging – PhoBioS & Photonics

Europe – April 8-10

Event venue

Palais de la Musique et des Congrès

Place de Bordeaux, 67082

Strasbourg, France

[Visit venue website](#)

Monday - April 8: Hilton Hotel, ORANGERIE AB

8.30-9.00	Arrival and Registration	
9.00-10.30	- Introduction - Founding PhoBioS Society - Homepage & Communication Channels	Malgorzata Szczerska Dror Fixler Dragan INDJIN
10.30-11.10	Coffee break	
11.10-12.15	Mobility Grants, Calls & Funding Schemes	Jelena Radovanovic
12.15-13.30	Lunch	Opera AB
13.30-15.10	WG1: Learning from nature – photonic surfaces in biological objects	Vladimir KATANAEV Martin Lopez GARCIA
15.10-15.55	Coffee break	
15.55-17.40	WG2: Artificial models – bio-inspired photonic surfaces	Maria Helena GODINHO George MOUSDIS
18.00-20.00	Welcome Reception	Erasme Galeria,

		Niveau/Level 0
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Tuesday - April 9 Hilton Hotel, ORANGERIE AB

09.00-11.30	MC MEETING (MC meeting agenda in separate file) Can be hybrid For MC members only. Others are advised to visit the exhibition .	Malgorzata Szczerska Dror Fixler
11.30-12.30	WG3: Dissemination & Exploitation	Ana Almeida Nicolina POP
12.30-13.30	Lunch	Opera AB
13.30-15.30	Blind dates	Ana Almeida
15.30-16.00	Coffee break	
16.00-18.00	FLASH TALKS: only 5 minutes each. See list below.	Dror Fixler
18.10-20.00	Posters	Galerie Schweitzer, Niveau/Level 0

Wednesday - April 10

09.30-10.00	Arrival, coffee	
10.15-12.00	Photonics Marketplace II	Hall Rhin, Photonics Marketplace, Rhin Hall
12.00-13.15	Lunch & Learn: Creating Inclusive Workplaces	Galerie De Landsberg, Niveau/Level 01
13.20-15.00	Advanced Imaging and Spectroscopy II Session 10@Photonics Europe Londres 1/Salon 8, Niveau/Level 0	Dror Fixler
15.00-15.30	Coffee break	
15.30-17.30	Advanced Imaging and Spectroscopy III	Dror Fixler Details below

	Session 12@Photonics Europe Londres 1/Salon 8, Niveau/Level 0	
17.30-18.30	CONCLUSIONS	
19.30-20.30	SPIE Members Reception	Galerie Erasme, Niveau/Level 0

Tuesday 16.00-18.00**FLASH TALKS**

16:00-16:05 Emir Karamehmedović
16:05-16:10 Viktoria Milkova
16:10-16:15 Roberto Caputo
16:15-16:20 Mirza Karamehmedovic
16:20-16:25 Aleksandra Janiak
16:25-16:30 Roger Groves
16:30-16:35 Filip Janiak
16:35-16:40 Tulay Inan
16:40-16:45 Tatiana Novikova
16:45-16:50 Panagiotis Keivanidis
16:50-16:55 Hendrik Hoelscher
16:55-17:00 Yiyu Ou
17:00-17:05 Mehmet KAHRAMAN
17:05-17:10 Gordana Medin
17:10-17:15 Georgios Vougioukalakis
17:15-17:20 George Mousdis
17:20-17:25 Ronan McCann
17:25-17:30 Ana Almeida
17:30-17:35 Janis Spigulis
17:35-17:40 Vladimir Ivanovski
17:40-17:45 Atle Magnar Bones
17:45-17:50 Matija Milanič
17:50-17:55 Miroslav Hain
17:55-18:00 Nicolina Pop

Standby

Vladimir Katanaev

Sebastian Garcia Galan

Wednesday 15.30-17.30

Advanced Imaging and Spectroscopy III

Session 12@Photonics Europe

Londres 1/Salon 8, Niveau/Level 0

13006-123

How nature can help to design and elaborate new photonics materials and devices

Author(s): Dror Fixler, Bar-Ilan Univ. (Israel); Maria Godinho, Universidade NOVA de Lisboa (Portugal); Nicolina Pop, Politehnica University of Timisoara (Romania); Jelena Radovanovic, Univerzitet u Beogradu (Serbia); George A. Mousdis, University of Athens (Greece); Dragan Indjin, University of Leeds (United Kingdom); Ana Almeida, Universidade NOVA de Lisbon (Portugal)

10 April 2024 • 15:30 - 15:50 CEST | Londres 1/Salon 8, Niveau/Level 0

13006-112

OCT-based beneath-the-surface investigations in ceramics sintering: modeling for the most relevant characteristic parameter

Author(s): Virgil-Florin Duma, Univ. "Aurel Vlaicu" din Arad (Romania); Cosmin G. Sinescu, Univ. de Medicina si Farmacie "Victor Babes" din Timisoara (Romania); Adrian Bradu, Univ. of Kent (United Kingdom); Adrian G. H. Podoleanu, Univ. of Kent (Romania)

10 April 2024 • 15:50 - 16:10 CEST | Londres 1/Salon 8, Niveau/Level 0

13006-113

Towards a label free coherent detectorless imaging module in photonic integrated circuits

Author(s): Maurizio Dabbicco, Università degli Studi di Bari "Aldo Moro" (Italy); Paolo Bardella, Lorenzo Luigi Columbo, Politecnico di Torino, Corso Duca degli Abruzzi 24, Torino (Italy) (Italy); Massimo Brambilla, Politecnico di Bari, Dipartimento Interateneo di Fisica (Italy)

10 April 2024 • 16:10 - 16:30 CEST | Londres 1/Salon 8, Niveau/Level 0

13006-114

Thermally irreversible photoinduced shift of selective light reflection in 1D cholesteric photonic structure

Author(s): Martin Cigl, Vera Hamplova, Vladimira Novotna, FZU - Institute of Physics of the Czech Academy of Sciences (Czech Republic)

10 April 2024 • 16:30 - 16:50 CEST | Londres 1/Salon 8, Niveau/Level 0

13006-115

Comparative analysis of photoacoustic signals of immune cells in the context of drug treatment

Author(s): Özgür Özdemir, Istanbul Technical Univ (Turkey)

10 April 2024 • 16:50 - 17:10 CEST | Londres 1/Salon 8, Niveau/Level 0

13006-116

Understanding interaction light-biological surfaces: self-calibrated biosensor for measuring multiple physiological parameters

Author(s): Dror Fixler, Bar-Ilan Univ. (Israel); Michal Katan, Bar-Ilan Univ (Israel); Hamootal Duadi, Bar-Ilan Univ. (Israel)

10 April 2024 • 17:10 - 17:30 CEST | Londres 1/Salon 8, Niveau/Level 0