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| **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](about:blank)

**Monday - April 8**

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| 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 |  |
| 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](about:blank#_=_) | Erasme Galeria, Niveau/Level 0 |

**Tuesday - April 9**

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| 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](about:blank#_=_). | Malgorzata Szczerska  Dror Fixler |
| 11.30-12.30 | WG3: Dissemination & Exploitation | Ana Almeida  Nicolina POP |
| 12.30-13.30 | Lunch |  |
| 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](about:blank#_=_) | Galerie Schweitzer, Niveau/Level 0 |

**Wednesday - April 10**

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| 09.30-10.00 | Arrival, coffee |  |
| 10.15-12.00 | [Photonics Marketplace II](about:blank#_=_) | Hall Rhin, Photonics Marketplace, Rhin Hall |
| 12.00-13.15 | Lunch & Learn: [Creating Inclusive Workplaces](about:blank#_=_) | Galerie De Landsberg, Niveau/Level 01 |
| 13.20-15.00 | [Advanced Imaging and Spectroscopy II](about:blank)  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  Session 12@Photonics Europe  Londres 1/Salon 8, Niveau/Level 0 | Dror Fixler  Details below |
| 17.30-18.30 | CONCLUSIONS |  |
| 19.30-20.30 | [SPIE Members Reception](about:blank#_=_) | 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**](about:blank)

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**](about:blank)

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**](about:blank)

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**](about:blank)

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**](about:blank)

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**](about:blank)

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