

2nd Short Course

Bulk and Surface Microscopy Techniques for Soft Matter

May 19th to 21st 2024

FORTH, Heraklion, Crete

| Time | Tutor | Lecture Topic |
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Sunday May 19th

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| 14:00-15:30 | Giovvani Volpe (UG, Sweden) | Optical Tweezers and AI for Microscopy |
| 15:30-15:45 | | Coffee Break |
| 15:45-17:15 | Giovvani Volpe (UG, Sweden) | Optical Tweezers and AI for Microscopy |
| 17:15-18:00 | | Discussion |

Monday May 20th

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| 09:15-10:45 | Roberto Cerbino (UV, Austria) | Microscopy and Applications |
| 10:45-11:00 | | Coffee Break |
| 11:00-12:30 | Roberto Cerbino (UV, Austria) | Microscopy and Applications |
| 12:30-14:00 | | Lunch |
| 14:00-15:30 | Nonappa Nonappa (TU, Finland) | Three-dimensional (3D) Electron Microscopy |
| 15:30-15:45 | | Coffee Break |
| 15:45-17:15 | Nonappa Nonappa (TU, Finland) | Three-dimensional (3D) Electron Microscopy |
| 17:15-18:00 | | Discussion |
| 19:00 | | Consortium Dinner |

Tuesday May 21st

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| 09:00-10:15 | Michael Kappl (MPIP, Germany) | Atomic Force Microscopy (AFM): Basic Principles and Advanced Modes |
| 10:15-10:25 | | Coffee Break |
| 10:25-11:40 | Michael Kappl (MPIP, Germany) | Atomic Force Microscopy (AFM): Basic Principles and Advanced Modes |
| 11:40-11:50 | | Coffee Break |
| 11:50-13:05 | Vasileios Koutsos (UE, UK) | AFM on Biomaterials: Principles and Applications |
| 13:05-14:30 | | Lunch |
| 14:30-15:45 | Vasileios Koutsos (UE, UK) | AFM on Biomaterials: Principles and Applications |
| 15:45-16:00 | | Coffee Break |
| 16:00-17:15 | Hans-Jürgen Butt (MPIP, Germany) | Characterizing Surfaces by Wetting Experiments |
| 17:15-17:30 | | Coffee Break |
| 17:30-18:45 | Hans-Jürgen Butt (MPIP, Germany) | Characterizing Surfaces by Wetting Experiments |

Location for Short Course: Fotakis Room (1st floor)