

2<sup>nd</sup> Short Course

# Bulk and Surface Microscopy Techniques for Soft Matter

July 19<sup>th</sup> to 21<sup>st</sup> 2024  
FORTH, Heraklion, Crete

Time	Tutor	Lecture Topic
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## Sunday May 19<sup>th</sup>

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

## Monday May 20<sup>th</sup>

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		Social Dinner

## Tuesday May 21<sup>st</sup>

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