

Thursday 1st September 2022

9h00-10h15 **NANOSCALE ANALYSIS (Part 1)**

Chair: Joachim HEBERLE

9h00 **Agnieszka BANAS**

The recent technical development and applications performed at ISMI beamline at Singapore Synchrotron Light Source

9h30 **Margaux PETAY***

Chemical speciation of breast microcalcifications in cancerous tissues: from a micrometer to a nanometer scale description

9h45 **Sebastien BALME**

Single Nanopore to investigate protein assembly

10h00 **Daniela TÄUBER**

Nano-infrared spectroscopic imaging (NanIRim): Promises and Challenges for Application in Biophotonics

10h15-10h45 Coffee break

10h45-11h30 **NANOSCALE ANALYSIS (Part 2)**

Chair: Ariane DENISET-BESSAU

10h45 **Mustafa KANSIZ**

Enhanced Tri-modal Optical-Photothermal Infrared (O-PTIR) Spectroscopy – Advances in Spatial Resolution, Sensitivity & Tri-modality (IR, Raman & Fluorescence)

11h00 **Miguel PLEITEZ**

Functional live-cell mid-infrared microscopy and spectroscopy by optoacoustic and optothermal detection

11h15 **Joachim HEBERLE**

Infrared Nanoscopy and Tomography of Intracellular Structures

11h30-12h30 Closing conference and student prizes