

[ID-11. Multidisciplinary applications of progressive light microscopy imaging techniques](#)

8 September, 17:00 - 19:00 / 9 September, 16:30 - 18:30

ID-11-P-2364

Detection of non-enzymatic browning in fruit fillings by auto-fluorescence of melanoidin precursors

Presenting author: **Cropotova J.**

Authors: Cropotova J., Tylewicz U., Romani S., Dalla Rosa M.,

ID-11-P-2480

Imaging and simultaneous biochemical analysis of intracellular bacterial pathogens using a label-free Raman-based algorithm

Presenting author: **Grosse C.**

Authors: Grosse C., Bergner N., Dellith J., Heller R., Bauer M., Mellmann A., Popp J., Neugebauer U.,

ID-11-P-2527

Measurement of pH micro-heterogeneity in cheese matrices by Fluorescence Lifetime Imaging

Presenting author: **Burdíková Z.**

Authors: Burdíková Z., Švindrych Z., Pala J., Hickey C., Čmiel V., Auty M. A., Sheehan J. J.

ID-11-P-2569

Cell biology by Coherence Controlled Holographic Microscope (CCHM)

Presenting author: **Collakova J.**

Authors: Collakova J., Krizova A., Dostal Z., Strbkova L., Lostak M., Kvasnica L., Slaby T., Kolman P., Antos M., Vesely P., Chmelik R.

ID-11-P-2883

Wide-field Fluorescence Lifetime Imaging using Multi-Anode Detectors

Presenting author: **Zuschratter W.**

Authors: Zuschratter W., Prokazov Y., Turbin E., Weber A., Hartig R.

ID-11-P-3150

Microscopy under pressure: Optical micro-spectroscopy technique to study nanomaterials under high hydrostatic pressure

Presenting author: **Valenta J.**

Authors: Valenta J.

ID-11-P-3357

Determination of Orientational Distributions of Fluorescent Molecules in Phospholipid Membranes by Polarization Fluorescence Microscopy

Presenting author: **Lazar J.**

Authors: Lazar J., Timr S., Melcr J., Bondar A., Cwiklik L., Kevorkova A., Stefl M., Vazdar M., Jungwirth P.,

ID-11-P-5783

Molecular interaction between insect lipid membrane and Bacillus thuringiensis cytolytic toxin

Presenting author: **Tharad S.**

Authors: Tharad S., Krittanai C., Promdonkoyb B., Toca-Herrera J. L.

ID-11-P-5784

Influence of HepG2 Cell Shape on Nanoparticle Uptake

Presenting author: **Toca-Herrera J.**

Authors: Prats-Mateu B., Toca-Herrera J.

ID-11-P-5854

Ultramicroscope based on the application of an axicon lens

Presenting author: **Cesal J.**

Authors: Cesal J.

ID-11-P-5935

Multimodal holographic microscopy for cell applications

Presenting author: **Fukalová J.**

Authors: Fukalová J., Křížová A., Hozák P., Chmelík R.

ID-11-P-5978

Dual-mode microviscosity measurements using a molecular rotor

Presenting author: **Vysniauskas A.**

Authors: Vysniauskas A., Kuimova M. K.