

BISC 2023 - Invited Speakers

Shi-Wei Chu (National Taiwan University)

"Optical microscopy toolbox for brain science"

Kung-Bin Sung (National Taiwan University)

"Optimizing transcranial infrared light stimulation for cognitive function enhancement - near-infrared spectroscopy (NIRS) approaches"

Ichiro Ishimaru (Kagawa University, Japan)

"Mid-infrared (LWIR) passive spectroscopic imaging for medical measurements like non-invasive blood glucose sensor from a distance"

Aydogan Ozcan (UCLA)

"Deep Learning-enabled Computational Microscopy and Diffractive Imaging"

Rakesh Kumar Singh (Indian Institute of Technology (BHU))

"Holography with higher-order Stokes correlation"

Chao Zuo (Nanjing University of Science and Technology)

"Computational quantitative phase imaging and diffraction tomography"

Hideharu Mikami (Hokkaido University)

"High-speed fluorescence microscopy for next-generation life science"

Yuichi Takeuchi (Hokkaido University)

"Neurulation technologies for controlling the central and autonomic nervous systems"

Takuma Sugi (Hiroshima University)

"Development and application of 4D light-field and quantum imaging technologies"

Daisuke Kato (Nagoya University)

"Holographic microscopy illuminates brain activity"

Chia-Wei Sun (National Yang Ming Chiao Tung University)