ICNN 2023 - Invited Speakers

- Keynote Speakers -

Jonathan Finley   (Technical University of Munich)
"Ultra high-Q nanobeam zipper cavities for 2D-heterostructures (tentative)"

Jean-michel Gerard   (CEA)
"Recent developments and application perspectives in Quantum Photonics. (tentative)"

Kei May Lau   (Hong Kong University of Science and Technology (HKUST))
"III-V active devices selectively grown on SOI with lateral aspect ratio trapping by MOCVD (tentative)"

- Invited Speakers -

Mu Ku Chen   (City University of Hong Kong)
"Meta-devices for optical imaging and advanced sensing"

Hui-Hsin Hsiao   (National Taiwan University)
"Ultrasensitive refractive-index sensing using toroidal resonance and quasi-bound state in the continuum of all-dielectric metasurfaces"

Juejun Hu   (Massachusetts Institute of Technology)
"Reconfigurable photonics: a phase change for the better"

Yuqing Jiao   (Eindhoven University of Technology)
"High efficiency and high density photonic components in InP membrane"

Emiko Kazuma   (The University of Tokyo)
"Single-molecule study of plasmon-induced dissociation using STM"

Renmin Ma   (Peking University)
"Twisted Lattice Nanocavity with Quality Factor Exceeding 200 Billion"

Taishi Nishihara   (Kyoto University)
"Nanophotonics relying on unique thermo-optical properties due to low-dimensional excitons"

Masahiro Nomura   (The University of Tokyo)
"Photons help phonons: ultrafast thermal energy transport in SiN nanofilms"

Taka-aki Yano   (Tokushima University)
"Field-enhanced optical nanoscopies beyond the plasmonics"

Wei Zhang   (Tsinghua University)
"Silicon quantum photonic circuits for quantum entanglement distribtion networks"