

International Nanophotonics Workshop in Kobe 2024

Symposium supported by “Kobe University Strategic International Collaborative Research Grant”

Date: July 11(Thu.) and 12 (Fri.) 2024

Kobe University Centennial Hall, Rokkodai 2nd Campus, Kobe University

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Hiroshi Sugimoto (Graduate School of Engineering, Kobe University)

Program

Special sponsor

July 11th

14:00-

Welcome reception & Lab tour 1



July 12th

9:30- 9:40 Opening remarks (Hiroshi Sugimoto, Kobe University)

Session 1

9:40-10:20 Guillermo Acuna (University of Fribourg, Switzerland)
“DNA origami for nanophotonics”

10:20-11:00 Alberto Curto (Ghent University, Belgium)
“Spin-valley nanophotonics with atomically thin semiconductors”

11:10-11:50 Peter Zijlstra (Eindhoven University of Technology, Netherlands)
“Nanoplasmonic and nanophotonic structures for biosensing”

11:50-12:30 Uttam Manna (Illinois State University, USA)
“Beam engineering for enhanced light-matter interactions in optical nanoantennas”

Session 2

14:00-14:15 Nicole Siegel (University of Fribourg, Switzerland)

14:15-14:30 Mojtaba Karimi Habil (Kobe University, Japan)

14:30-15:10 Jorge Olmos-Trigo (Universidad de La Laguna, Spain)
“Solving Maxwell equations from a polarimetry measurement”

15:25-16:05 Saskia Fiedler (AMOLF, Netherlands)
“Cathodoluminescence spectroscopy of resonant Si nanospheres”

16:05-16:45 Guang-Can Li (South China Normal University, China)
“Probing the quantum tunneling in plasmonic gaps with magnetic plasmon resonances”

18:00-20:00 Banquet