

# 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 11<sup>th</sup>

14:00- Welcome reception & Lab tour 1



### July 12<sup>th</sup>

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”

11:00-11:20 Coffee break

11:20-12:00 Peter Zijlstra (Eindhoven University of Technology, Netherlands)  
“Nanoplasmonic and nanophotonic structures for biosensing”

12:00-12:40 Uttam Manna (Illinois State University, USA)  
“Beam engineering for enhanced light-matter interactions in optical nanoantennas”

#### *Session 2*

14:10-14:25 Nicole Siegel (University of Fribourg, Switzerland)

14:25-14:40 Mojtaba Karimi Habil (Kobe University, Japan)

14:40-15:20 Jorge Olmos-Trigo (Universidad de La Laguna, Spain)  
“Solving Maxwell equations from a polarimetry measurement”

15:20-15:40 Coffee break

15:40-16:20 Saskia Fiedler (AMOLF, Netherlands)  
“Cathodoluminescence spectroscopy of resonant Si nanospheres”

16:20-17:00 Guang-Can Li (South China Normal University, China)  
“Probing the quantum tunneling in plasmonic gaps with magnetic plasmon resonances”