ONNA 2017
Workshop on Optical Nanofiber Applications: From Quantum to Bio Technologies

7 June, B250, OIST Campus

Session 9	Chair: K. Hakuta (University of Electro-Communications, Japan)
9:00 – 9:40	V. Sandoghdar (Max Planck Institute for the Science of Light, Germany) *Organic Molecules in Optical Nanoguides: Engineering Novel States of Light and Matter*
9:40 – 10:20	L. Hackermueller (University of Nottingham, UK) *An Atom-photon interface using a void in an optical fibre*
10:20 – 10:40	R. Sachdeva (OIST Graduate University, Japan) *Creating superfluid vortex rings in artificial magnetic fields*
10:40 – 11:00	Break
Session 10	Chair: S. Scheel (University of Rostock, Germany)
11:00 – 11:40	D. Chang (ICFO, Spain) *Exponential improvement in photon storage fidelities using subradiance and selective radiance in optical nanofibers*
11:40 – 12:00	W. Li (OIST Graduate University, Japan) *Optical nanofiber-based cavity with periodic air-nanohole arrays*