

Symposium Defect centers in diamond for applications in quantum optics and nanophotonics (SYDD)

veranstaltet vom
Fachverband Quantenoptik und Photonik (Q)

Oliver Benson
Institut für Physik, Humboldt Univ. zu Berlin
Hausvogteiplatz 5-7
10117 Berlin
oliver.benson@physik.hu-berlin.de

Jörg Wrachtrup
3. Physikalisches Institut, Univ. Stuttgart
Pfaffenwaldring 57
70550 Stuttgart
wrachtrup@physik.uni-stuttgart.de

Übersicht der Hauptvorträge und Fachsitzungen (Hörsaal Audimax-B)

Hauptvorträge

SYDD 1.1	Fr	10:30–11:00	Audi-B	Manipulation and nanopositioning of single NV centers — ●RONALD HANSON
SYDD 1.2	Fr	11:00–11:30	Audi-B	Fabrication strategies for diamond based quantum devices — ●STEVEN PRAWER
SYDD 1.3	Fr	11:30–12:00	Audi-B	Controlling nonclassical emission of light in diamond — ●H. WEINFURTER, J. BAHE, C.L. WANG, X.Q. ZHOU, T. KIPPENBERG, A. STIEBEINER, A. RAUSCHENBEUTEL, J. MEIJER
SYDD 2.1	Fr	14:00–14:30	Audi-B	Experimental investigation of optically detected magnetic resonance of multiple and single NV spin in diamond — NGOC DIEP LAI, DINGWEI ZHENG, FEDOR JELEZKO, ●FRANÇOIS TREUSSART, JEAN-FRANÇOIS ROCH
SYDD 2.2	Fr	14:30–15:00	Audi-B	Photonic crystal cavities - A basic element for scalable quantum electrodynamics with diamond N-V centers — ●JOSEPH SALZMAN, IGAL BAYN
SYDD 2.3	Fr	15:00–15:30	Audi-B	Engineered CVD diamond for spintronic applications — ●DANIEL TWITCHEN, MATTHEW MARKHAM

Fachsitzungen

SYDD 1.1–1.5	Fr	10:30–12:30	Audi-B	Defect centers in diamond for applications in quantum optics and nanophotonics I
SYDD 2.1–2.7	Fr	14:00–16:30	Audi-B	Defect centers in diamond for applications in quantum optics and nanophotonics II