



CO.CO.MAT PhD Award

Preisträger 2009 – 2016

Preisgeld: 1.000 €

Jahr	Name	Standort	TP	TPL	Titel der Dissertation
2009	Matthias Kemmler	Uni Tübingen	C2	T. Dahm, J. Fortágh, D. Kölle	Manipulation und Kontrolle von Flussquanten in Supraleitern durch maßgeschneiderte Haftzentren
2010	Vera Bendkowsky	Uni Stuttgart	B6	H. P. Büchler T. Pfau	Ultralong-range Rydberg molecules: Investigation of a novel binding
2011	Hendrik Weimer	Uni Stuttgart	B6	H. P. Büchler T. Pfau	Quantum many-body physics with strongly interacting Rydberg atoms
2012	Philipp Neumann	Uni Stuttgart	C4	F. Jelezko J. Wrachtrup	Towards a room temperature solid state quantum processor - the nitrogen-vacancy center in diamond
2013	Arne Härter	Uni Ulm	A8	Hecker-Denschlag	Two-Body and Three-Body Dynamics in Atom-Ion Experiments
2014	Jonathan Balewski	Uni Stuttgart	B6	T. Pfau	A single electron in a Bose-Einstein condensate
2014	Daniel Bothner	Uni Tübingen	C2	J. Fortágh/ D. Kölle	Micro patterned Superconducting Film Circuitry for Operation in Hybrid Quantum Devices
	Helge Hattermann				Interfacing cold atoms and superconductors
2015	Andreas Albrecht	Uni Ulm	C11	S. Huelga M. Plenio F. Jelezko	Controlled Quantum Dynamics of Nitrogen Vacancy Centers in Diamond
2015	Vera Gramich	Uni Ulm	C2	J. Ankerhold	Quantum transport at low temperatures in superconducting circuits far from equilibrium
2016	Holger Kadau	Uni Stuttgart	A2	T. Pfau	Rosensweig Instability and Droplets in a Quantum Ferrofluid of Dysprosium Atoms
2017	Christoph Tresp	Uni Stuttgart	C12	S. Hofferberth	Rydberg polaritons and Rydberg superatoms - Novel tools for quantum nonlinear optics