IQST Integrated Quantum Science and Technology

Contact:

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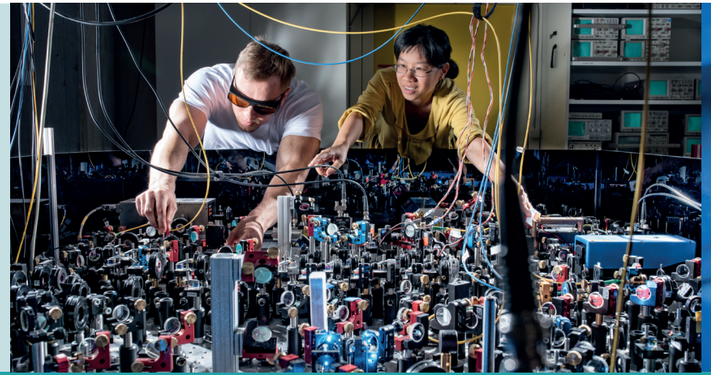

IQST Integrated Quantum Science and Technology

ulm university universität ulm

Universität Stuttgart

Max Planck Institute for Solid State Research

IQST Day Program | October 12th, 2016

University of Stuttgart, Pfaffenwaldring 57, Hörsaal 57.03

Baden-Württemberg
MINISTERIUM FÜR WISSENSCHAFT, FORSCHUNG UND KUNST

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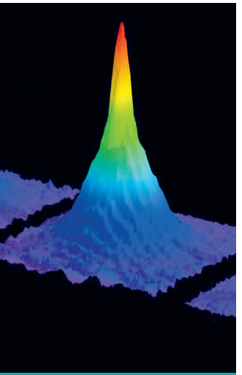
Center for Integrated Quantum Science and Technology

IQST Integrated Quantum Science and Technology



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9:15	Reception and Poster Set-up	
9:45	Welcome | University Rector and IQST Directors	
10:00	Overview of IQST activities | IQST Directors	
10:30	Guest Speaker	
	Chris Monroe: (University of Maryland)	***Time to build a quantum computer***
11:30	Coffee Break	
11:45	IQST PhDs and Postdocs (25 min each):	
	Michal Kern/Stefan Bechler:	***Integration of molecular quantum bits with semiconductor spintronics***
	Boris Naydenov:	***Controlling Single Nuclear Spins using MW Dressed States***
	Tomohiro Takayama:	***Exploring quantum materials – quantum magnets with strong spin-orbit coupling***
13:00	Lunch („Commundo“)	
14:30	**Bert Klebl:** (Managing Director, LDC)	***Introduction of the Lead-Discovery-Center (LDC), a successful platform for technology transfer***
14:45	**Panel discussion**	***How to develop quantum innovation eco-systems?***
	Moderator:	**Gustav Kalbe** (Head of Unit, High-Performance Computing and Quantum Technologies, European Commission)
	Guests:	**Chris Myatt** (MBio), **Christian Reitberger** (Wellington Partners), **Bert Klebl** (LDC), **Ilai Schwartz** (NVision)
16:00	Poster Session	
17:30	Get-together: food and drinks	
19:30	End	