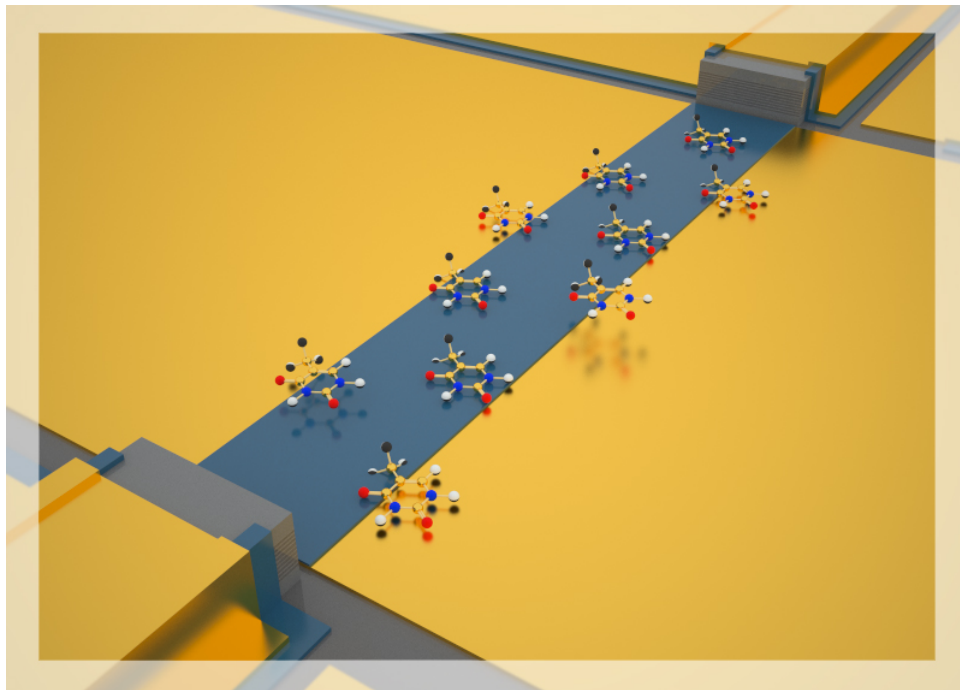


10 Year Anniversary Symposium of the FWF SFB InfraRed Optical Nanostructures



October 22nd and
October 23rd, 2015

TU Wien, Kontaktraum
Gußhausstr. 27-29, 1040 Wien
www.ir-on.at/symposium-2015





10 Year Anniversary Symposium of the SFB IR-On

Thursday, October 22nd, 2015

TU Wien, Kontaktraum Campus Gusshausstr., Gußhausstr. 27-29, 1040 Wien

14:00	Karl Unterrainer Speaker of the SFB	Welcome
14:10		Screening of the IR-On film clip
14:15	Bernhard Lendl	Quantum Cascade Lasers: New possibilities for Analytical Chemistry
14:55	Moritz Brehm	Ordered crystalline and glassy Ge quantum dots for efficient room temperature light emission
15:35	Thomas Fromherz	SiGe QDs commensurably integrated into photonic structures
16:30	Coffee break (60 min)	
17:30	Hans Sigg	Direct band gap Ge and GeSn for lasing on silicon
18:10	Stefan Rotter	Curious physics with coupled QCLs
18:40	Closing	



10 Year Anniversary Symposium of the SFB IR-On

Friday, October 23rd, 2015

TU Wien, Kontaktraum Campus Gusshausstr., Gußhausstr. 27-29, 1040 Wien

09:00	Karl Unterrainer, Speaker of the SFB	Welcome
09:15	Jérôme Faist	QCL optical frequency combs: physics and applications
09:55	Hermann Detz	Novel material systems for intersubband devices
10:45	Coffee break (30 min)	
11:15	Karl Unterrainer	Novel THz Quantum Cascade laser active regions and cavity designs
11:45	Carlo Sirtori	Superradiant plasmons
12:25	Wolfgang Heiss	Solution processes semiconductors in optoelectronic devices
13:15	Lunch break (1,5 hrs)	
14:45	Gunther Springholz	Narrow Gap Semiconductor Quantum Dots for MIR-Devices
15:15	Dario Gerace	Enhanced Nonlinearities in silicon photonic crystal cavities
16:00	Closing	