



QUALI-Start-Up Science Lectures

Qualification for qualified students in basic science

9 – 17 September 2017 | Forschungszentrum Jülich | Germany





Hans Ströher | Forschungszentrum Jülich

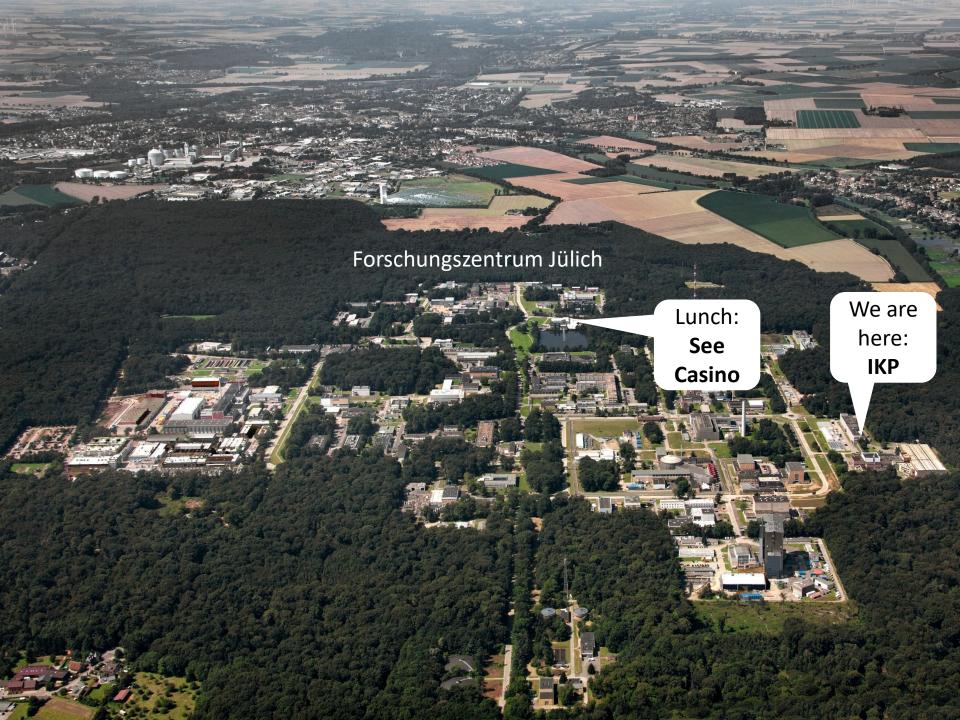












PROGRAMME

17:30

End

NUCLEAR PHYSICS INSTITUTE				JÜLICH CENTRE FOR NEUTRON SCIENCE		
IKP LEC	CTURES	11 SEPTEMBER 2017	JCNS	LECTURES	13 SEPTEMBER 2017	
08:00	FZ Jülich bus collects students at Walramplatz (close	to the Stadthotel)				
08:30	:30 Arrival of students; get visitor badges (please don't forget your passports!)		08:28	Public bus N° 220, depart from bus stop "Walramp	latz"	
VENUE:	BUILDING 07.1, ROOM 312		08:56	Exit at bus stop Forschungszentrum "Wache 1"		
09:00	Campus bus tour, guide: Mathis Ernst		VENUE:	BUILDING 04.8, ROOM 337/338		
10:00	Opening Session; Hans Ströher		09:00	Probing Matter with Scattering Methods: An Eleme	ntary Introduction; Manuel Angst	
10:15	Welcome; Sebastian Schmidt, Member of the Board of Directors		09:45	09:45 Magnetic Properties of Condensed Matter Systems Probed by Magnetometry		
10:45	Structure of Matter; Hans Ströher			Methods; Oleg Petracic		
11:25	Break		10:30	Break		
11:40	Basics: Interaction with Matter/Radiation; Detlev Gotta	1	10:45	Neutron Sources for Science; Jörg Voigt		
12:20	Detectors (Tools); Irakli Keshelashvili		11:30	X-ray and Neutron Scattering from Nanostructures	; Emmanuel Kentzinger	
13:00	Lunch at Seecasino		12:15	Lunch at Seecasino		
14:00	Lab Training: see overview		13:00	Departure to Aachen, bus stop "Seecasino"		
17:30	End		14:00	Institute visit at RWTH Aachen University, Institute	of Physics, 26c 205; Achim Stahl	
			17:30	Opportunities at RWTH Aachen University; Dieter	Janssen	
			18:00	Aachen City Tour		
			20:00	Departure to Jülich		
INSTITUTE OF ENERGY AND CLIMATE RESEARCH				INSTITUTE OF NEU	ROSCIENCE AND MEDICINE	
IEK LEC	TURES	12 SEPTEMBER 2017	INM LE	CTURES	14 SEPTEMBER 2017	
08:28	Public bus N° 220, depart from bus stop "Walramplatz	u.	08:28	Public bus N° 220, depart from bus stop "Walramp	latz"	
08:57	Exit at bus stop Forschungszentrum "Strahlenschutz"		08:53	Exit at bus stop Forschungszentrum "Feuerwehr"		
VENUE:	BUILDING 05.2, ROOM 3012		VENUE:	09:00-11:15 BUILDING 15.14, ROOM 102		
09:00	Introduction: Atmospheric Chemistry and Climate; Andreas Wahner,		09:00	Introduction to Magnetic Resonance Imaging; N. Jo	on Shah	
	Astrid Kiendler-Scharr		09:45	Advanced MRI Methods: Diffusometry; Farida Grin	berg	
09:45	Aerosol: Formation and Sources, Aging and Sinks; Th	omas Mentel	10:30	MR-PET: Everything You Need to Know to Get Sta	arted; <i>Liliana Caldeira</i>	
10:30	Stable Isotopes as tools in Process Studies; Iulia Gen	sch	11:15	Break		
11:15	Break		VENUE:	BUILDING 15.19, ROOM 4012		
11:30	Photochemistry and Radical Chemistry; Andreas Hofz	umahaus	11:30	Introduction to Nuclear Chemistry; Bernd Neumaie	r	
12:15	Longterm Measurements of Key Climate Variables on	Measurements of Key Climate Variables on Passenger Aircraft - IAGOS;		18F-labeling Chemistry; Johannes Ermert		
	Andreas Petzold		12:15 13:00	Lunch at Seecasino		
13:00	Lunch at Seecasino		14:00	Lab training: see overview		
14:00	Lab Training: see overview		17:30	End		

17:30

End

CENTRAL INSTITUTE OF ENGINEERING, ELECTRONICS AND ANALYTICS



Feedback by you (gained experience, constructive criticism, ...)
Free format (talk, poster, ppt-presentation, photographs, ...)

Listen, practice (**be careful!**), ask, give feedback, and enjoy you stay

Welcome to Forschungszentrum Jülich!

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