

Program schedule 'Modern Statistical Methods in QIP'

	Monday 22/08/11	Tuesday 23/08/11	Wednesday 24/08/11	Thursday 25/08/11	Friday 26/08/11
09.00	Hradil	Hradil	Vogel	Vogel	Vogel (Ex)
10.00					<i>Coffee break</i>
10.30	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	Cramer (Ex)
11.00	Hennrich	Hennrich	Silberhorn	Cramer	
11.30					Guta
12.30	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	
13.00					<i>Lunch</i>
14.00	Heraeus: an introduction	Cramer	<i>Social programme</i>	Silberhorn	
14.30	Guta				
15.30		<i>Coffee break</i>		<i>Coffee break</i>	
16.00	<i>Coffee break</i>	Hennrich (Ex)		Demkowicz-Dobrzanski (Ex)	
16.30	Demkowicz-Dobrzanski				
17.00		Demkowicz-Dobrzanski		Hradil (Ex)	
18.00	Guta (Ex)			Silberhorn (Ex)	
18.30					
19.00	<i>Reception</i>		<i>Heraeus evening</i>		

Lecturers and topics

Marcus Cramer, University of Ulm, Germany
Learning quantum states efficiently

Rafal Demkowicz-Dobrzanski, University of Warsaw, Poland
Quantum enhanced metrology

Madalin Guta, University of Nottingham, UK
Asymptotic methods in quantum statistics

Markus Hennrich, University of Innsbruck, Austria
Quantum states and quantum gates with ions

Zdenek Hradil, Palacky University Olomouc, Czech Republic
Maximum likelihood reconstruction

Christine Silberhorn, University of Paderborn, Germany
Detecting quantum light

Werner Vogel, University of Rostock, Germany
Reconstruction of quasi-probability distributions

Thomas Kiesel, University of Rostock, Germany
Reconstruction of quasi-probability distributions (exercise session)