

25 Years of Trapped Ions in Innsbruck
Symposium in honour of Rainer Blatt's 70th birthday

Agenda for Sept 21

Early-bird Check-In

Location: Technikerstrasse 25, 4th floor, Seminar-Room East
Between 13:00 and 16:00

Agenda for Sept 22

Location:

Karl-Rahner-Platz 3 (Jesuitenplatz), 6020 Innsbruck
Leopoldssaal on the second floor

For details, please see Conference Venue

08:00 - 09:00	Check-In
09:00 - 09:15	Welcome
09:15 - 09:45	Opening remarks: Prof. Dr. Tilmann Märk Rector of the University of Innsbruck Dr. Daniel Weselka Department for Fundamental Research and Research Infrastructure Ministry for Education, Science and Research Landtagsabgeordnete MMag.a Dr.in Cornelia Hagele Member of the state parliament of Tirol Prof. Dr. Alexander Ostermann Dean of the Faculty of the Mathematics, Informatics and Physics Prof. Dr. Gregor Weihs Head of the Institute for Experimental Physics
09:45 - 10:15	Talk: A short history of ion traps (with particular attention to Innsbruck) Prof. emerit. Dr. Günter Werth University of Mainz

10:15 - 10:45	Coffee Break
10:45 - 11:30	<p>Talks:</p> <p>Prof. Piet Schmidt Physikalisch-Technische Bundesanstalt <i>An Optical Atomic Clock Based on a Highly Charged Ion</i></p>
11:30 - 13:30	Lunch Break
13:30 - 15:00	<p>Talks:</p> <p>Prof. Dr. Hartmut Häffner University of Berkeley <i>Towards quantum computing with trapped electrons</i></p> <p>Prof. Dr. Jürgen Eschner University of Saarbrücken <i>Single ions beyond logic</i></p>
15:00 - 15:30	Break
15:30 - 17:00	<p>Prof. Dr. Ferdinand Schmidt-Kaler University of Mainz <i>Segmented traps and applications based on transport of ions (tent.)</i></p> <p>Dr. Christian Roos University of Innsbruck <i>Scaling up ion crystals for simulating quantum many-body systems</i></p>
19:00 -	<p>Conference Dinner Please see Conference Venue</p>

Agenda for Sept 23

Location:

Technikerstr. 25, 6020 Innsbruck

Physics areas including labs on floors 0, 1, and 4, IQOQI, AQT, ...

For details, please see Conference Venue

09:00 - 11:00	Info point at Experimental Physics Kitchen (4th floor)
09:00 - 11:00	<p>Univ. Innsbruck lab tours and discussions available at</p> <ul style="list-style-type: none"> ● Quantum Optics (Blatt) ● Quantum Information (Monz) ● Cavity QED (Northup) ● Fibre-cavity (Northup) ● Nanospheres (Northup) ● Molecular Ions (Schindler) ● Photon Conversion (Lanyon) ● Quantum Networking (Northup & Lanyon) ● Qudits (Ringbauer) ● Scalable ion-trap technologies (Monz/Schindler) ● Quantum simulations in 2D arrays (Roos) <p>IQOQI Innsbruck:</p> <ul style="list-style-type: none"> ● Quantum Simulations (Roos), Lab 1 Meeting point: front of kitchen @ [address] <p>AQT: Experience Center at Technikerstr. 1-3</p> <p>Seminar rooms are available at the locations for further discussions.</p>

This event is supported by:

	
	

