

Summer School
on
Storage Devices and Ion Traps
June 14 - June 19
Göteborg, Sweden

Luftbryggan, MC2 building, 8th floor, Chalmers

version 2011-02-15

Tuesday June 14

Arrival and welcome reception

Wednesday June 15

08:30-09:00	Registration	
09:00-09.15	Klavs Hansen (Gothenburg)	<i>Welcome</i>
09:15-10:30	Jens Ulrik Andersen (Århus)	<i>Decays and ensembles</i>
10:30-10:45	Coffee	
10:45-12:00	Jens Ulrik Andersen (Århus)	<i>Radiative cooling</i>
12:00-13:00	Lunch	
13:00-15:00	Problem solving in groups	
15:00-15:30	Problem solutions presentation	
15:30-15:45	Coffee	
15:45-16:45	Oded Heber (Weizmann Inst.)	<i>Linear storage device</i>

Thursday June 16

09:00-10:30	Toshiyuki Azuma (Tokyo Metropolitan U., Riken)	<i>Operation of the TMU ring</i>
10:30-10:45	Coffee	
10:45-12:00	Toshiyuki Azuma (Tokyo Metropolitan U., Riken)	<i>Design of the Riken electrostatic storage ring</i>
12:00-13:00	Lunch	
13:00-15:00	Problem solving in groups	
15:00-15:30	Problem solutions presentation	
15:30-15:45	Coffee	
15:45-16:45	Oded Heber (Weizmann Inst.)	<i>Experiments on molecules</i>

Friday June 17

09:00-10:30	Lutz Schweikhard (Greifswald)	<i>Penning traps</i>
10:30-10:45	Coffee	
10:45-12:00	Lutz Schweikhard (Greifswald)	<i>Cluster anions</i>
12:00-13:00	Lunch	
13:00-15:00	Problem solving in groups,	
15:00-15:30	Problem solutions presentation	
15:30-15:45	Coffee	
15:45-16:45	Gerard Meijer (Fritz Haber Institute)	<i>Decelerators and traps for neutral molecules</i>

Saturday June 18

09:00-10:30	Steen Brøndsted Nielsen (Århus)	<i>Biomolecular ions in rings I</i>
10:30-10:45	Coffee	
10:45-12:00	Steen Brøndsted Nielsen (Århus)	<i>Biomolecular ions in rings II</i>
12:00-13:00	Lunch	
13:00-15:00	Problem solving in groups	
15:00-15:30	Problem solutions presentation	
15:30-15:45	Coffee	
15:45-16:45	Gerard Meijer (Fritz Haber Institute)	<i>Molecular storage rings and synchrotrons</i>
19.00-22.00	School dinner	

Sunday June 19

09:00-10:30	Henning Schmidt (Stockholm)	<i>Conetrap, atomic spectroscopy</i>
10:30-10:45	Coffee	
10:45-12:00	Henning Schmidt (Stockholm)	<i>DESIREE, the Double ElectroStatic Ion-Ring Experiment</i>
12:00-13:00	Lunch	
13:00-14:00	Sophie Canton (Lund),	<i>Experiments at synchrotron rings</i>
14:00-15:00	Jerome Bernard (Lyon)	<i>Design of a miniring</i>
15:00-15:15	Coffee	
15:15-16:15	Yasunori Yamazaki (RIKEN)*	<i>Antihydrogen at CERN</i>
16:15		<i>School closing</i>

* To be confirmed

The school is sponsored by
The Faculty of Science, University of Gothenburg,
Nano Connect Scandinavia,
STINT, Tokyo Metropolitan University Graduate School