

Information

Payments for the Guesthouse must be made in Euro at the Guesthouse reception.
Check out time on the date of departure: 10.00 a.m.
 Parking right in front of the entrance of the Adriatico Guesthouse is reserved for I.C.T.P. staff. A large parking space is available all along the seafront. Please, do not leave any valuable item in your car!

Adriatico Services: Internet Access is available in the Adriatico Building. For more information ask the Secretariat.

ICTP CAFETERIAS: Opening hours

ADRIATICO

Breakfast

Monday to Friday	7.30 - 09.30
Saturday	8.00 - 10.00
Sunday	9.00 - 10.00

Lunch

Monday to Saturday	12.00 - 14.00
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Dinner

Monday to Friday	19.00 - 20.30
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LEONARDO BUILDING

Lunch

Monday to Friday	12.00 - 14.00
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Dinner

Monday to Friday	18.30 - 20.00
Sunday	18.30 - 20.00

Payments can be made directly at both cafeterias.

Poster Session: a Scientific Poster Session will take place on Monday 14th from 18.30 to 19.30 in the area in front of the Kastler hall. Posters can be displayed throughout the entire conference. During the poster session a small refreshment will be offered.

Conference Dinner: on Monday Nov.14th the Social Dinner will take place at the Adriatico Cafeteria after 19.30. If you have not already booked your banquet ticket, please contact the Secretariat.

Visit to Sincrotrone Trieste (Elettra/FERMI): on Tuesday 15th a bus will leave at 14.00 to take you to the Laboratory. Please register at the Secretariat if you have not already done so.

Bank subsidiary: at the Fermi Building (right behind the Leonardo Building) from 8.30 to 12.30 from Monday to Friday.

Travel Agency: at the Fermi Building from 8.30 to 12.30 and from 13.00 to 16.48 from Monday to Friday. A shuttle service between the ICTP Leonardo Building and the Adriatico Guesthouse is available on week-days; the updated shuttle bus timetables are available at the guesthouse reception areas.

Map of the Adriatico Guesthouse Area:



SPONSORS

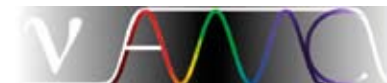


Centralgrafica snc - San Dorligo della Valle (Trieste)



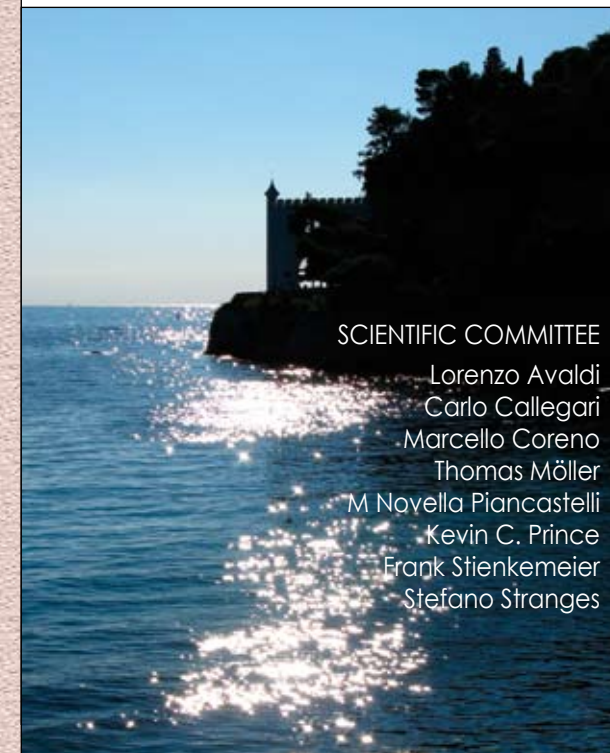
International Workshop

v-FAMC 2011



New Frontiers in Atomic,
Molecular and Cluster Physics
and Chemistry

ICTP, Adriatico Guesthouse
Trieste, Italy
14-15 November 2011



SCIENTIFIC COMMITTEE

Lorenzo Avaldi
Carlo Callegari
Marcello Coreno
Thomas Möller
M Novella Piancastelli
Kevin C. Prince
Frank Stienkemeier
Stefano Stranges

New Frontiers in Atomic, Molecular and Cluster Physics and Chemistry

Trieste, Italy
14-15 november 2011

PROGRAM

MONDAY, 14 November, 2011

8:30 8:50 Registration

8:50 9:00 Welcome speech

1. Overviews: Science and machine global perspectives

Chair: William M. Fawley

9:00 9:35 Maria Novella Piancastelli

"Recent advances in atomic and molecular physics at the new synchrotron and free-electron laser sources"

9:35 10:10 Jan-Michael Rost

"Massive parallel ionization through intense short wavelength light"

10:10 10:45 Giovanni De Ninno

"Principles and performance of VUV/X-ray light sources"

10:45 11:05 COFFEE BREAK

2. FEL Facilities

Chair: Michael Meyer

11:05 11:40 Nora Berrah

"Probing molecules from within using ultra-intense and ultra-fast X-rays from the LCLS FEL"

11:40 12:15 Joachim Ullrich

"Ultrafast dynamics: pump-probe experiments at free electron lasers"

12:15 12:50 Kiyoshi Ueda

"FEL experiments in Japan: from EUV to X-rays"

12:50 14:05 LUNCH

3. Clusters, droplets, liquids, scattering

Chair: Paolo Piseri

14:05 14:40 Simone Techert

"Studies of the dynamics of bulk chemistry with FEL radiation - state of the art and perspectives"

14:40 15:15 Thomas Möller

"Ultrafast processes and imaging of clusters"

15:15 15:50 Tim Laarmann

"Coherent superposition of two rotational quantum states in the time domain: Microwave spectroscopy without microwaves"

15:50 16:25 Tobias Lau

"X-ray magnetic circular dichroism spectroscopy of size selected cluster ions: From spin coupling and orbital quenching to magnetic phase transitions"

16:25 16:45 COFFEE BREAK

4. High fields

Chair: Piero Decleva

16:45 17:20 Peter Lambropoulos

"Multiple ionization under strong short wavelength Radiation"

17:20 17:55 Giuseppe Sansone

"Molecular attosecond dynamics"

17:55 18:30 Reinhard Dörner

"Multiparticle coincidences studies of photoionization of quantum halos"

18:30 19:30 Poster Session

19:30 DINNER

TUESDAY, November 15, 2011

5. Advanced applications of Synchrotron Radiation

Chair: Maria Novella Piancastelli

9:00 9:35 Jan-Erik Rubensson

"Resonant inelastic soft X-ray scattering applied to free atoms and molecules"

9:35 10:10 Catalin Miron

"Electron spectroscopy – a probe for fundamental properties of isolated species"

10:10 10:30 COFFEE BREAK

6. Pump-probe

Chair: Marcel Drabbels

10:30 11:05 Robert Richter

"Two-color experiments at the Gasphase beamline @ ELETTRA – CW and time-resolved studies"

11:05 11:40 Toshinori Suzuki

"Time-energy mapping of photoelectron angular distribution"

11:40 12:15 Michael Meyer

"Atomic photoionization in intense XUV and optical laser fields"

12:15 Closing speech

14:00: VISIT TO Elettra/FERMI