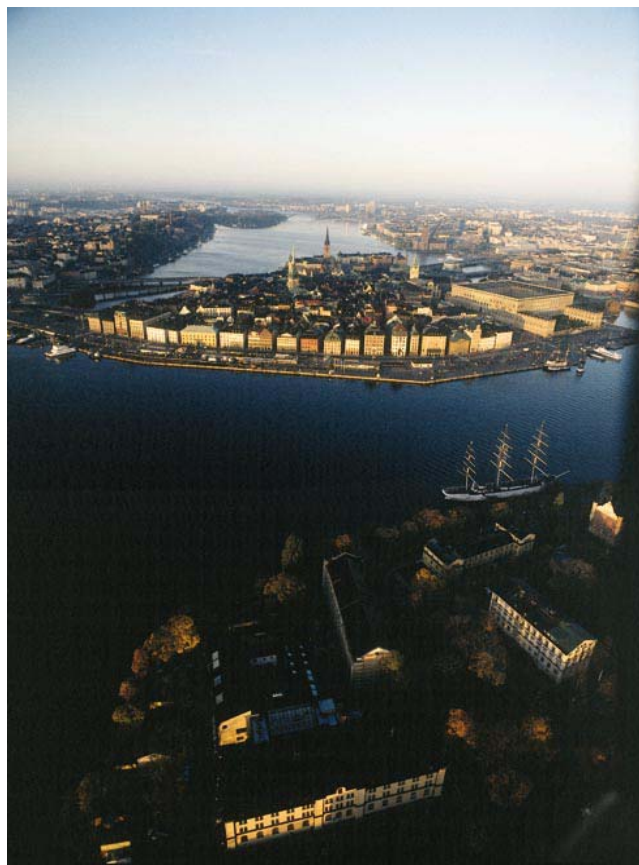


# XXIII International Conference on Photonic, Electronic and Atomic Collisions



July 23-29, 2003

## **FIRST ANNOUNCEMENT**

Stockholm University/Aula Magna –  
Stockholm, Sweden



Dear Colleague,

Stockholm and Stockholm University have been selected to host the XXIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC 2003) from the 23<sup>rd</sup> to the 29<sup>th</sup> of July 2003. With this announcement we would like to warmly welcome all colleagues in the field to participate in the conference.

The central point of the conference venue will be Aula Magna, a newly built lecture hall on the University campus. This area is conveniently situated, with an eight-minute subway connection to downtown Stockholm (where most major hotels and the central train station are located). Stockholm international airport, Arlanda, has an efficient twenty-minute train ride to downtown Stockholm and the central train and subway stations.

The scientific program will cover current and relevant aspects of collisions involving photons, electrons, ions, atoms, molecules, clusters, surfaces and exotic particles. Special efforts will be made to attract young researchers and support will be allocated for students and for participants from developing countries. Before and after ICPEAC XXIII in Stockholm, satellite symposia will be arranged in Aarhus, Frankfurt, St. Petersburg, Prague and on a ferryboat between Stockholm and Helsinki.

The conference will be held at an attractive time of the year when the sun almost does not set and when there are many out-door public cultural and social events arranged in the evenings. In addition, a social program - which we hope you will find enjoyable and exciting - will be arranged for conference participants and accompanying persons.

For further information please complete the pre-registration form on the website (<http://www.physto.se/icpeac> ) or fill out and send the enclosed registration form.

We are looking forward to seeing you in Stockholm in July 2003!



Reinhold Schuch  
Local chairperson



Henrik Cederquist  
Local co-chair



Mats Larsson  
Local co-chair



Eva Lindroth  
Local co-chair

## ICPEAC EXECUTIVE COMMITTEE

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Nathalie Vaeck, *Belgium*  
Akira Yagishita, *Japan*  
Yasunori Yamazaki, *Japan*  
Yenyou Zheng, *China*

## ICPEAC LOCAL ORGANIZING COMMITTEE

### Chair

Prof. Reinhold Schuch  
ICPEAC 2003  
Stockholm University, SCFAB  
Department of Physics  
SE-106 91 Stockholm, Sweden  
Fax: +46-8-5537 8601  
Tel: +46-8-5537 8600  
E-mail: icpeac@physto.se

### Members

Anders Bárány, Stockholm University  
Sven Mannervik, Stockholm University  
Joseph Nordgren, Uppsala University  
Elisabeth Rachlew, Royal Institute of  
Technology  
K.G Rensfelt, MSL, Stockholm University  
Henning Schmidt, Stockholm University

### Co-Chairs

Henrik Cederquist, Stockholm University  
Mats Larsson, Stockholm University  
Eva Lindroth, Stockholm University

### CONFERENCE SITE

The XXIII International Conference on Photonic, Electronic and Atomic Collisions will take place at Stockholm University, in the lecture hall Aula Magna and Frescati-hallen. The university is situated in Frescati near the inner city.



### SCIENTIFIC PROGRAM

Sessions on collisions with ions, electrons, atoms, molecules, clusters and exotic particles are planned together with sessions on cold collisions, surface interactions, anti-hydrogen, short laser pulses, femto-second control, inner-shell processes multiple excitation and multiple photoionization.

### ABSTRACTS

Abstracts will be reviewed by the Program Committee and assigned to appropriate oral or poster sessions.

### DEADLINES

Distribution of Second Announcement	Dec 1, 2002
Deadline for Abstracts	Mar 1, 2003
Deadline for applications for support	Mar 2, 2003
Deadline for early registration	Apr 30, 2003

### HOME PAGE

<http://www.physto.se/icpeac>

## SATELLITE MEETINGS

**International Symposium on Atomic Cluster Collisions: fission, fusion, electron, ion and photon impact (ISACC 2003)**  
July 18 - July 21, 2003

*Scientific Chairman and Contact person:*  
Prof. Dr. Andrey V. Solov'yov  
A.F Ioffe Physical-Technical Institute  
Politechnicheskaya 26  
St Petersburg 194021, Russia  
Tel: +7-812-247 9191, Fax: +7-812-247 9191  
E-mail: [solovyov@rpro.ioffe.rssi.ru](mailto:solovyov@rpro.ioffe.rssi.ru)  
Website: <http://www.ioffe.ru/atom/ISACC2003>

*Location:* the former Palace of Grand Duke Vladimir, St Petersburg, Russia

**XVIII International Seminar on Ion-Atomic Collisions (ISIAC03)**  
July 30 – August 1, 2003

*Scientific Chairman and Contact person:*  
Prof. Dr. Nikolaus Stolterfoht  
Co-chairs: Dr. L. Kochbach and Dr. J.P. Hansen  
Hahn-Meitner Institute  
Glienickestr. 100  
D-14109 Berlin, Germany  
E-mail: [Stolterfoht@hmi.de](mailto:Stolterfoht@hmi.de)

*Location:* Cruise Stockholm-Helsinki, with Ship Silja Serenade

**12<sup>th</sup> International Workshop on Low Energy Positron and Positronium Physics**  
July 19-21, 2003

*Scientific Chairman and Contact person :*  
Prof. Dr. Helge Knudsen  
Institute of Physics and Astronomy  
Aarhus University  
DK-8000 Aarhus, Denmark  
Tel: +45-89 42 36 07  
E-mail: [hk@phys.au.dk](mailto:hk@phys.au.dk)

*Location:* Sandbjerg, Denmark

**13<sup>th</sup> International Symposium on Electron-Molecule Collisions and Swarms**  
July 30-August 1, 2003

*Scientific Chairman and Contact person:*  
Prof. Dr. Jiri Horacek  
Tel: +420-2-2191 2497 home: 420-204-656 353  
Fax: +420-2-2191 2496 or +420-2-8468 5095  
E-mail: [Jiri.Horacek@mff.cuni.cz](mailto:Jiri.Horacek@mff.cuni.cz)  
Website: <http://ems2003.cuni.cz>

*Location:* Pruhonice, near Prague, Czech Republic

**The Twelfth International Symposium on Polarization and Correlation in Electronic and Atomic Collisions**  
July 30- August 2, 2003

*Scientific Chairman:*  
Prof. Dr. G. Friedrich Hanne  
Physikalisches Institut der Universitaet Münster  
Wilhelm-Klemm-Str. 10  
D-48149 Münster, Germany  
Tel: +49-251-83 336 65  
Fax: +49-251-83 336 04  
E-Mail: [hanne@uni-muenster.de](mailto:hanne@uni-muenster.de)

*Contact person:* (same for both meetings): Prof. Dr. Horst Schmidt-Böcking,  
Institut für Kernphysik, August-Euler-Str. 6, D-60486 Frankfurt, Germany,  
Tel: +49 69 798 24252, Fax.: +49 69 798 21601, E-Mail: [schmidtb@hsb.uni-frankfurt.de](mailto:schmidtb@hsb.uni-frankfurt.de)

*Location:* Königsteiner-Communication Center, Königstein/Taunus (near Frankfurt), Germany

### **Related Conference:**

International Conference on Phenomena in Ionized Gases (ICPIG), 15.-20. July 2003, Greifswald, Germany, Prof. Meichsner, [info-icpig@physik.uni-greifswald.de](mailto:info-icpig@physik.uni-greifswald.de), [www.icpig.uni-greifswald.de](http://www.icpig.uni-greifswald.de)

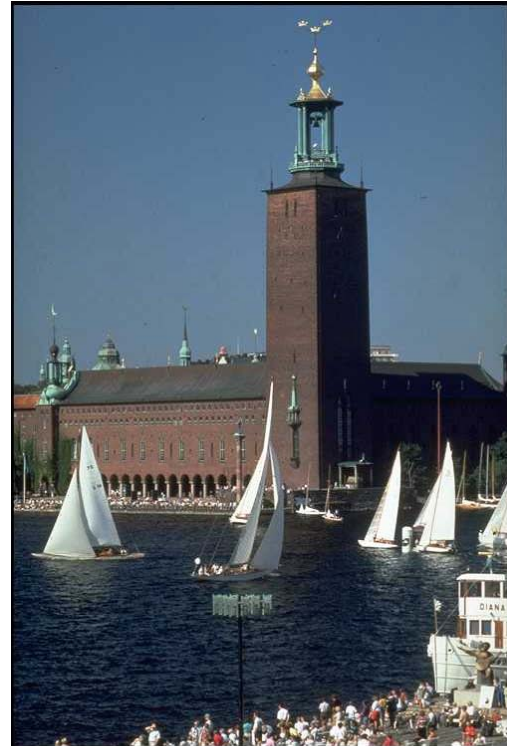
**International Symposium on (e,2e), Double Photoionization and Related Topics**  
July 30-August 2, 2003

*Scientific Chairman:*  
Prof. Dr. Laurence Malegat LIXAM (Laboratoire d'Interaction des X Avec la Matière) UMR8624 du CNRS, Université Paris Sud, Bat. 350  
91405 Orsay Cedex, France  
Tel: +33-169 15 75 03  
Fax: +33-169 15 58 11  
E-mail: [Laurence.Malegat@lixam.u-psud.fr](mailto:Laurence.Malegat@lixam.u-psud.fr)

## GENERAL INFORMATION

### THE CITY

Stockholm, the capital of Sweden, is built on 14 islands between the Baltic Sea and Lake Mälaren. After many years of dedicated environmental work the water quality is very high. Swimming, diving, or even fishing for salmon or crayfish in the very heart of the city has thus become popular. Stockholm is often referred to as 'the Venice of the north' and the fourteen islands all have their special character and charm - from the medieval Old Town to the more modern area



around the market square Hötorget. Boats depart for tours into the archipelago, consisting of over 20.000 islands, and for Lake Mälaren with stops at e.g. Birka – Sweden's capital during the Viking era. Stockholm's cultural season of today centres around a rich variety of evening concerts at churches, museums and in the parks.

### TRAVEL

Stockholm-Arlanda Airport is one of the busiest airports in Europe with flights to and from more than 150 cities in 47 countries. Arlanda Airport is located approximately 40 kilometers north of Stockholm city. Sweden has a comprehensive railway system including high-speed trains to all the major Swedish cities as well as to destinations abroad. Stockholm is also a popular port of call for big cruise ships and there are daily ferries to and from Finland and Estonia.



**ACCOMMODATION** A number of hotel rooms in central Stockholm have been reserved for the delegates. For hotels, prices range from 80 to about 220 USD, while youth hostels are priced at 20-30 USD per night. Further information on accommodations will be found in the Second Announcement.

**OFFICIAL CARRIER** Scandinavian Airlines Systems (SAS) has been appointed Official Carrier for the XXIII ICPEAC. Please note that SAS offers special ICPEAC rates.

**SECOND ANNOUNCEMENT** The Second Announcement will include a guideline for abstracts, the preliminary program, registration and accommodation forms. Should you be interested in further information please register on the conference website <http://www.physto.se/icpeac> (preferred) or send the Reply Slip (below) by e-mail ([icpeac@physto.se](mailto:icpeac@physto.se)), fax or regular mail.

## Reply Slip

We prefer that you submit this information via the conference website <http://www.physto.se/icpeac>. If this is not possible, copy this page and e-mail it to [icpeac@physto.se](mailto:icpeac@physto.se), or fax it to Stockholm Convention Bureau, c/o ICPEAC at +46 5465 1599, or mail it (address on the back):

(310/ )

**Please type or print in block letters**

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Surname: \_\_\_\_\_

First name: \_\_\_\_\_ Title : \_\_\_\_\_

Organisation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

*(Country code – area code – number)*

E-mail: \_\_\_\_\_

I wish to receive \_\_\_\_ copies of the ICPEAC 2003 2<sup>nd</sup> announcement.

**SOCIAL  
PROGRAMME**

A social program will be arranged for participants and accompanying persons. Events will include Welcome Reception, a Reception at the Stockholm City Hall, a public evening lecture, and the Conference Dinner at Skansen (a Nordic zoological garden and the world's oldest open-air museum).

A variety of tours will also be arranged.



You can also discover the Stockholm area by yourself. The Excursion Store in Sverigehuset will help you to find cultural pearls in the region. You can choose between almost forty complete packages both in the archipelago, around Lake Mälaren and along the coast.



AFFIX STAMP  
HERE

**Conference Secretariat  
Stockholm Convention Bureau  
ICPEAC, July 23-29, 2003  
P O Box 6911  
SE-102 39 Stockholm  
Sweden**