



*14th International Conference on
Nuclear Microprobe Technology and Applications
ICNMTA 2014*

July 7-11, 2014 • Padova, Italy

SECOND ANNOUNCEMENT

Scope and Topics

We are pleased to announce that the *14th International Conference on Nuclear Microprobe Technology and Applications* (ICNMTA 2014) will take place in Padova (Italy) on July 7-11, 2014. The Conference is organized by the Istituto Nazionale di Fisica Nucleare (INFN), under the patronage of the Universities of Padova, Firenze and Torino.

The Conference covers the many aspects of nuclear microscopy, regarding both the development of the micro/nano focused ion beam technology and the state of the art of its applications in many scientific fields ranging from high-tech materials to biology, geology, art and archaeology.

This Conference provides an excellent opportunity for researchers to present their latest progress, to exchange ideas and thoughts and to explore new research directions using nuclear microprobes.

Topics

- Microbeam Facilities
- Beam Optics
- Microprobe Control
- Analysis Techniques
- Imaging Techniques
- Proton Beam Writing
- Ion Beam Micromachining
- Precision Targeting Diagnostics

Applications

- Material Science
- Microelectronics
- Biology, Medicine and Botany
- Earth and Environmental Sciences
- Art & Archaeology
- Forensics
- Emerging Applications and Techniques

Scientific Programme and Call for Abstracts

The 5 days Conference will consist of plenary sessions with keynote lectures, invited technical talks and contributed communications.

On Monday, July 7th, a special plenary session will be held at the *Aula Magna* of the University of Padova. The poster sessions will take place on Tuesday and Thursday afternoon but the posters will be displayed from Tuesday 8th to Thursday 10th.

Call for Abstracts

Authors are invited to submit abstracts for oral and/or poster presentations using the [Indico web-interface](http://indico.infn.it). The deadline for submitting abstracts is **March 15, 2014**. The Programme Committee will select contributions for oral or poster presentations. Authors will be notified about the acceptance of their contribution and type of presentation by **April 14, 2014**.

The abstracts will be published in the Book of Abstracts, on condition that the presenting author has a valid Conference registration. The Book of Abstracts will be available for all registered attendees.

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Proton Beam Writing Workshop

The *Proton Beam Writing Workshop* will take place on Thursday, July 10, 2014. Special Round Tables for discussion on “hot topics” may be arranged during the conference. The final programme including Round Tables and parallel meetings will be available on the website.

IAEA cooperation

In the framework of the cooperation agreement with the International Atomic Energy Agency, IAEA will award a limited number of grants to participants from Member States eligible to receive assistance under the IAEA's Technical Cooperation Programme. The registration fee will be waived for accepted IAEA grantees.

Applications for IAEA support, containing a brief CV and a presentation letter from their Institutions, should be sent by email (icnmta2014@lnl.infn.it) not later than **March 15, 2014**. Applicants must submit an abstract by the same date, following the instructions detailed in the Call for Abstracts section of the website.

IAEA applicants are kindly asked to register only after notification about the acceptance of their application and abstract.

Joint Training Course on Ion Beam Microscopy

In the framework of the above mentioned cooperation agreement with IAEA, the week before the Conference, from Thursday, July 3rd to Friday, July 4th, a [Joint Training Course on Ion Beam Microscopy](#), will be held at the INFN National Laboratory of Legnaro, 10 km from the center of Padova. The course is dedicated to students and young researchers involved in ion microprobe research. A limited number of grants to applicants from Member States might be awarded by IAEA for this event.

Details on the programme and application will be given in a forthcoming communication.

Proceedings

Authors of accepted oral or poster contributions are invited to submit manuscripts for the conference proceedings. After a peer reviewing process, accepted papers will be published in a special issue of Nuclear Instruments and Methods in Physics Research, Section B (Elsevier B.V.).

Conference location and travel information

The Conference will take place in Padova from Monday, July 7 to Friday, July 11, 2014. The first session, on Monday, will be held at the Aula Magna (“the Main Hall”) of *Palazzo del Bo* of the University of Padova (see also <http://www.padovamedievale.it/info/university-of-padua/en>), where Galileo Galilei taught experimental physics and astronomy. From Tuesday, July 8 to Friday, July 11 the Conference will be held in the [Civic Center of Art and Culture Altinate / San Gaetano](#) in the very center of Padova.

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Padova can be easily reached by car and train. The nearest airport is Venice “Marco Polo”, 45 kilometers East of Padova. This airport is connected to 93 international destinations, including some low-cost airlines. Other airports near Padova are Verona and Treviso.

Detailed information is available on the Conference website.

Registration

Registration is available [online](#) on the Conference website. Fees are in Euros (€) - V.A.T. 22% included. Invoice will be issued for every fee paid and sent by e-mail. Participants are invited to check carefully the instructions for registration and payment on the Conference website.

	EARLY BIRD until May 1	REGULAR until June 6	LATE and ON SITE until June 25
Full Participant	€ 500,00	€ 550,00	€ 600,00
Students*	€ 300,00	€ 330,00	€ 400,00
Accompanying person	€ 130,00	€ 150,00	€ 150,00
Social dinner	€ 60,00	€ 60,00	€ 60,00

*STUDENTS MUST SUBMIT PROOF OF THEIR STUDENT STATUS, by sending to registration@sistemacongressi.com a presentation letter from their Institution. Student registration is available for undergraduate, graduate and Ph.D. students ONLY.

Please note that the Social Dinner and the Accompanying Person fees are NOT included in the full participant fee. If you wish to attend the Social Dinner or register an Accompanying Person, please tick the appropriate box on the registration form.

The **Full Participant Fee** includes:

- Admission to all sessions;
- Conference kit;
- Abstract Book;
- Conference Proceedings;
- Coffee-breaks, lunch on Monday, Welcome cocktail, Cheese and Wine at the poster sessions;
- Social excursion.

The **Student Fee** includes:

- Admission to all sessions;
- Conference kit;
- Abstract Book;
- Conference Proceedings;
- Coffee-breaks, lunch on Monday, Welcome cocktail, Cheese and Wine at the poster sessions.

*Please note that the Student fee does **NOT** include the Social excursion. Students wishing to join the social excursion are kindly asked to contact registration@sistemacongressi.com.*

The **Accompanying person's fee** includes:

- Welcome cocktail;
- Social excursion.

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Online registrations will be accepted until **June 25, 2014**. The registration link will be disconnected at 6:00 p.m. (Central European Time). After this date, only on-site registration will be allowed if places are still available. Please note that in that case, the full conference kit cannot be guaranteed.

Cancellation Policy and Refunds

Cancellation must be always confirmed in writing: don't forget to include all your bank account information.

Refund of fees, less € 50,00 for administrative charge, will be made for cancellations received before **May 30, 2014**. After this date, no refunds will be possible. Refunds will be processed after the Conference. In case of no-show, no refund will be possible.

Payment

The fee must be paid in Euro (€) to the Organizing Secretariat, *Sistema Congressi*, by **credit card** (Visa, Mastercard) or **bank transfer**, following the instructions on the Conference website.

Accommodation

A number of hotel rooms with special rates have been blocked. The list of hotels is available on the Conference website. All hotels are in the centre of the town, at walking distance from the meeting venue. For the reservation, please contact directly the hotels within **May 31, 2014** and mention "**ICNMTA 2014**" in order to get the reduced special rates. Bookings are made on a first-come first-served basis. After the **May 31, 2014**, availability of the rooms and special rates are no longer guaranteed. Please note that rates include breakfast and the city tax ("tassa di soggiorno"), which depends on the hotel category (from 1,50 to 3 € per night).

If you prefer to book your hotel through the Organizing Secretariat, a reservation fee (Euro 25,00) will be applied; in this case please send your detailed request to registration@sistemacongressi.com.

Social Events

- ✓ **Sunday 6th - Welcome cocktail**
From 6.00 to 8.00 p.m, a welcome reception will be held in a historical building of Padova.
- ✓ **Tuesday 8th and Thursday 10th afternoon - "Cheese and wine" at the Poster Session**
From 16.00 to 18.30 Italian "cheese and wine" and refreshments will be served during the poster session in the central large covered square ("Agorà"), at the ground floor of the Conference Center.
- ✓ **Wednesday 9th afternoon – Social Excursion**
A Conference excursion to Venice and its lagoon (<http://whc.unesco.org/en/list/394>) will be organized on Wednesday afternoon.
- ✓ **Thursday 10th evening - Social dinner**
The Social Dinner will take place at the Eremitani Museum Cloister, close to the "Cappella degli Scrovegni" (Giotto's frescoes, <http://www.cappelladeglisrovegni.it/index.php/en/>) in the centre of Padova. The Chapel itself will be available for visits during the dinner.

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Official Invitations

For VISA information see http://www.esteri.it/visti/index_eng.asp. All Citizens of the Countries for which entry visas are requested according to Visa Regulations of the Italian Republic must, as a rule, obtain the visas abroad prior to the entry into the Italian Republic by applying to the corresponding Embassy or Consular Office of the Republic of Italy.

Official letters of invitation to the Conference can be provided to participants upon request. Such letters are sent only for visa and permission purposes under no obligation to the Organizing Committee. Requests should be sent to the ICNMTA Scientific Secretariat icnmta2014@lnl.infn.it.

Industrial exhibition and sponsorship

Manufacturing and service Companies working in the field of particle accelerators, focusing systems, vacuum equipment, detectors and electronics, related instruments and consumables are invited to show their products. For further information please contact the Organizing Secretariat (sdepoli@sistemacongressi.com).

Important Deadlines

Abstract submission:	March 15, 2014
IAEA grant application:	March 15, 2014
Notification to Authors:	April 14, 2014
Registration	
o Early Bird fee:	May 1, 2014
o Regular fee:	June 15, 2014
o Late and on site fee:	June 25, 2014
o Registration database closure:	June 25, 2014
Accommodation:	May 31, 2014
Cancellation deadline:	May 30, 2014

We look forward to welcoming you in Padova!

Valentino Rigato, *INFN LNL, Italy* (Chair)

Lorenzo Giuntini, *Firenze University and INFN Firenze, Italy* (Co-Chair)

Ettore Vittone, *Torino University and INFN Torino, Italy* (Co-Chair)

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P. Mazzoldi, *Padova University, Italy*
P. Olivero, *Torino University and INFN Torino, Italy*

Organizing Secretariat

Sistema Congressi s.r.l.

Via Trieste 26, 35121 Padova - Italy
Phone: +39-049-651699 • Fax: +39-049-651320
E-mail: registration@sistemacongressi.com

Scientific Conference Secretariat

Anna D'Este, *INFN-LNL*
Michela Menegolo, *INFN-LNL*
Phone +39-049-8068310 • Fax +39-049-8068829
E-mail: icnmta2014@lnl.infn.it

Conference website: <http://icnmta2014.lnl.infn.it>

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