

March 9th, 2016

IPAB2016

**Intense and powerful accelerator beams
for industrial and energy application (IPAB2016)**

March 14th-15th, 2016

Laboratori Nazionali di Legnaro (Padova), Italy

THIRD ANNOUNCEMENT

The workshop "IPAB2016" will be held from 14th to 15th March 2016 at Laboratori Nazionali di Legnaro, Legnaro (Padova), ITALY. The Conference programme will begin on Monday, March 14th at 9.00 and will close on Tuesday, March 15th in the afternoon (about 17.30), with some workgroup meeting on March 16th. A visit to nearby Consorzio RFX is included, as a well as a visit to LNL 70 MeV Cyclotron installation.

The Workshop is organized in the framework of the Accelerator Application Network Activity (Work Package 4 of the Eucard2 GA 312453 project), to foster knowledge of the application capability of accelerators.

SCOPE OF THE WORKSHOP

The focus of the meeting will be on applications of high current and powerful particle accelerators and sources, with particular attention to benefit of high current sources. Subtopics are:

- satellite propulsion;
- negative ion beams for fusion;
- negative and positive ions in industrial application;
- electron beams for seeds, food and waste processing;
- material resistance and tests;
- medical applications and treatment times.

The scope of the workshop also covers:

- radioisotope production;
- accelerator and beam source technology, superconductivity, energy efficiency and recover;
- application of accelerator based analytical and diagnostic techniques (AMS, PIXE, ...).

SCIENTIFIC PROGRAMME

The scientific programme consists of invited and contributed oral presentations, as well as posters, and general discussions (see programme on [website](#) for detail). Accepted contribution titles appear in the conference programme agenda (and email of acceptance notification were mailed to the supplied addresses on Informatic Digital Conference system, INDICO). Oral presentation will be given in "Villi" Meeting Room (on March 14th and 15th), while the dedicated workgroup meetings on March 16th will be

held in “Ceolin” Meeting Room. Posters will be displayed in the Cafeteria hall (in-between Villi and Ceolin Meeting Rooms).

Invited speakers include D. Bruton (Univ. Huddersfield, UK), A. Duatti (Univ. Ferrara, Italy), U. Fantz (IPP, Germany), A. Faus-Golfe (CSIC-UV, Spain), M. Hanada (JAEA, Japan), F. Poirier (Arronax, France), D. Rafalskyi (LPP, France), F. Taccogna (CNR, Italy), K. Tsumori (NIFS, Japan) covering key issues of energy, medical and industrial applications of powerful accelerators (see programme on [website](#) for detail).

ABSTRACT SUBMISSION AND CONFERENCE REGISTRATION

The Workshop is supported by EUCARD2 Project and INFN; no registration fee is requested. Abstract submission has closed on March 3rd 2016, as well as registration to the conference. For any possible special case, you can contact the conference secretariat.

CONFERENCE DOCUMENTATION

At the conference, each presented material (slides, conference discussion summaries, workgroup summaries and similar) will be collected by Conference Secretariat and posted in the conference website, unless the speaker does not agree; speakers may also send a revised version within 3 weeks from conference closure, otherwise the presented copy will be used.

VENUE and TRAVEL

The meeting will be held at the Laboratori Nazionali di Legnaro (LNL) of the INFN, Viale dell’Università 2, LEGNARO (Padova), Italy. Laboratori Nazionali di Legnaro is only 10 Km (6 miles) from Padova. Details on transportation and routes to Legnaro are available on the [conference web page](#). For participants arriving at **Venice Airport**, in addition to regular buses, there are also several private shuttle connections from the Airport to Padova or Legnaro Laboratories. You can contact:

- LANDOMAS BLUE SERVICE
<http://www.landomas.it/> - Ph. +39 049 8600382; e-mail landomas@landomas.it.

The cost per transfer ranges from 30€ to higher costs depending on arrival time. Payment can be made directly to the driver. The service must be booked at least 24 hrs in advance.



TRANSFER FROM PADOVA HOTELS TO LNL and BACK

Bus transfers have been organized daily between the hotels in Padova and LNL for the IPAB2016 participants who wish to use it. Since the bus can stop only for a few seconds, participants are kindly recommended to be on time at the pick-up points [see table below]. In the evening, the buses will return participants to the same points (as detailed in the programme).

CONFERENCE BUS PICK-UP POINTS

The pick-up points of the bus "*MICHIELOTTO Autoservizi*" (remember this name to recognize the bus) will be:

For participants lodging at Hotel Europa: leaving the hotel, turn on the right, cross the road till "Mercedes" shop. In front of the shop there is a bus stop (crossroad with Corso Garibaldi).

For participants lodging at Hotel Igea: leaving the hotel, go straight about 50 meters till the crossroad with Via Falloppio, turn on the left; the bus will stop at the newsagent's (in Via Falloppio).

For participants lodging at Hotel Donatello: the bus will stop in front of the hotel.

For participants lodging at Hotel Fagiano: the Hotel Donatello pick-up point is very close.

PICK-UP TIMES

Monday, March 14

- 08:00 pick-up point of Hotel Europa
- 08:10 pick-up point of Hotel Igea
- 08:20 pick-up point of Hotel Donatello
- 14:00 from LNL to Consorzio RFX
- 16:00 from Consorzio RFX to LNL
- 19:15 to Restaurant "Osteria Dal Nonno" Legnaro (PD)
- 23:00 back to hotels

Tuesday, March 15

- 08:00 pick-up point of Hotel Europa
- 08:10 pick-up point of Hotel Igea
- 08:20 pick-up point of Hotel Donatello
- 17:40 back to the hotels

If you miss the conference bus, you can use regular buses FSBUSITALIA directed to "Agripolis" or "Piove di Sacco" or call a taxi (<http://www.taxipadova.it/> - ph. 049 – 651333, prices listed on their website). Please be informed that regular buses FSBUSITALIA connect Padova to Legnaro (ticket sold in some bars, price 2.40 €, or on board of the bus, price 4 €) about every 30 min in office hours as better mentioned on the [web page](#). On the bus boarding, remember to stamp the ticket and ask to the driver to stop at "Laboratori Nazionali di Legnaro" (about 2 km from Legnaro town center).

Lunches

Lunches on March 14th and 15th are available at LNL canteen at an indicative price of 8,13€ (for a full meal).

Working Dinner and Coffee Breaks

A Social Working Dinner will be offered to the registered participants by Conference organization at the Restaurant "Osteria Dal Nonno", via Romea 107/b, Legnaro on March 14th evening (from 19.30). Participants are kindly asked to confirm their participation at the Conference desk on March 14th morning.

Coffee break will be offered (morning and afternoon) on March 14th and 15th in the Cafeteria hall (where posters are also displayed), see [agenda](#).

ACCOMMODATION

Please, refer to IPAB2016 website for information about accommodation.
For any help, please contact: ipab2016@lnl.infn.it

General information

Please visit the the [Conference website](#) for updated information on meeting agenda.

We would be grateful if you could bring this announcement to the attention of your colleagues.

Looking forward to seeing you at Laboratori Nazionali di Legnaro,
The Organizing Committee

International Scientific Committee

M. Cavenago (Chair), INFN Legnaro, Italy
V. Antoni, CNR, RFX, Italy
R. Edgecock, Huddersfield University, UK
H. Owen, Manchester University, UK
F. Taccogna, CNR-Nanotech, Italy

Local Organizing Committee

M. Cavenago (Chair), *INFN Legnaro, Italy*
E. Fagotti, *INFN Legnaro, Italy*
M. C. Buoso, *INFN Legnaro, Italy*
G. Serianni, *CNR e RFX, Padua, Italy*
P. Veltri, *INFN e RFX, Italy*

Conference Secretariat

D. Zane, *INFN Legnaro, Italy*

Sponsored by:



and



*Accelerator
Application Network Activity
Work Package 4*

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CONTACT ADDRESS

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