

IPAB2016

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

March 14th-15th, 2016

Laboratori Nazionali di Legnaro (Padova), Italy

FIRST ANNOUNCEMENT

The workshop "IPAB2016" will be held from 14th to 15th March 2016 at Laboratori Nazionali di Legnaro, Legnaro ITALY. The Conference programme will begin on Monday, March 14th at 9.00 and will close on Tuesday, March 15th in the afternoon (about 17.00). A visit to nearby Consorzio RFX is included. The meeting is organized in the framework of the Accelerator Application Network Activity (Work Package 4 of the Eucard2 project), to foster knowledge of the application capability of accelerators.

SCOPE OF THE MEETING

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 will consist of invited and contributed oral presentations. Presenters are encouraged to submit the title and the abstract of their possible talk, as will be detailed in the second announcement.

VENUE and TRAVEL

The meeting will be held at the Laboratori Nazionali di Legnaro of the INFN, Viale dell'Università 2, LEGNARO (Padova), Italy. Legnaro is only 10 Km (6 miles) from Padova. Details on transportation and routes to Legnaro are available on the [conference web page](#). A bus service between the hotels in Padova and Legnaro will be organized daily for Conference participants.

REGISTRATION and ACCOMMODATION

Details about registration and accommodation in Padova hotels will be soon available on the [Conference website](#). Registration and abstract submission will open from December 10th, 2015.

The second announcement will be available on the Conference website and e-mailed .

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 e RFX, Padua, 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 Legnaro e RFX, Italy*

Conference Secretariat

D. Zane, *INFN Legnaro, Italy*

Sponsored by:



and



**Accelerator Application Network Activity
Work Package 4**

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