



**International Workshop**

# IPAIA2017

**Ion Propulsion and Accelerator  
Industrial Applications**

**CNR Research Area Bari  
Sala Congressi  
March 1-3, 2017**

**International Scientific Advisory Committee**

*E. Ahedo, UC3M, Madrid, Spain  
V. Antoni, CNR and Consorzio RFX, Padova, Italy  
M. Cavenago (co-Chair), INFN-LNL Legnaro, Italy  
R. Edgecock, STFC and Huddersfield University, UK  
S. Mazouffre, CNRS, Orleans, France  
F. Taccogna (co-Chair), CNR-Nanotec, Bari, Italy  
V. Variale, INFN-BA, Bari, Italy*

**Local Organizing Committee**

*P. Minelli, CNR-Nanotec, Bari, Italy  
N. Ippolito, INFN-BA, Bari, Italy  
P. Veltri, INFN-LNL and RFX Padova, Italy*

**SCOPE OF THE MEETING**

This workshop will provide a forum for the presentation and discussion on the progress in methods and technologies used for the research, development and industrial applications of ion propulsion (IP) for satellite and spacecraft.

Special emphasis will be given to possible ion propulsion applications to different technological fields such as energy (accelerator and ion sources for fusion) and material science (ion implantation, surface treatment, nanoparticle synthesis). Subtopics include: Modelling and simulation, Progress made on the different IP configurations, Plasma-wall interaction, Ion source physics, Accelerator Industrial Applications.

Venue is Area di Ricerca CNR di Bari, via Amendola 122/D, 70126 Bari (Italy). For more information, see the Conference website: <https://agenda.infn.it/conferenceDisplay.py?confId=12546>

**Sponsored by:**



**Application Network  
Activity - Work Package 4**

*EUCARD2 - Enhanced European Coordination for Accelerator Research & Development -,  
co-funded from the European Commission under the FP7 Research Infrastructures Grant  
Agreement no. 312453*