**Session Program**

**Mar 1 – 3, 2017**

# International Workshop on Ion Propulsion and Accelerator Industrial Application

## *other application*

CNR Nanotec, Bari, Italy
Area di Ricerca CNR di Bari, via Amendola 122/D, 70126 Bari (Italy).

# Fri, March 3

9:30 AM

## other application

**Session** |
**Location:** CNR Nanotec, Bari, Italy, Area di Ricerca CNR di Bari, via Amendola 122/D, 70126 Bari (Italy). |
**Convener:** Dr vanni antoni

9:30 – 10:00 AM

### Electron drift instability and secondary electron emission in Hall effect thrusters: An insight from bidimensional particle-in-cell simulations

**Speaker**
Mr Vivien Croes

10:00 – 10:30 AM

### Hall thruster virtual lab

**Speaker**
Dr Francesco Taccogna

10:30 – 10:50 AM

### Status of NIO1 negative ion source and acceleration system

**Speaker**
Pierluigi Veltri

10:50 – 10:51 AM

### Vibrational Kinetics of Electronically Excited States in H2 Discharges

**Speaker**
Dr Gianpiero Colonna

10:51 AM

11:15 AM

## other application

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11:15 – 11:35 AM

### Hall Thrusters used as dissociator for fusion application

**Speaker**
Dr Francesco Taccogna

11:35 AM – 12:05 PM

### MODELING THE ELECTROMAGNETIC FIELD IN ANISOTROPIC INHOMOGENEOUS MAGNETIZED PLASMA OF ECR ION SOURCES

**Speaker**
Dr Giuseppe Torrisi

12:05 – 12:35 PM

### EXPERIMENTAL AND THEORETICAL STUDY OF ION BEAM NEUTRALIZATION BY PLASMA

**Speaker**
Dr Igor Kaganovich

12:35 – 1:05 PM

### Helicon Propulsion Technology perspective for Minisatellites

**Speaker**
Prof. Pavarin Daniele

1:05 PM