

**Session Program**

**Feb 18 - 22, 2019**

**VCI2019 - The 15th Vienna Conference on  
Instrumentation**

***Gas Detectors***

Vienna University of Technology  
Gusshausstraße 27-29, 1040 Wien

## Wed, February 20

9:00 AM

### Gas Detectors

Session | Location: EI9 | Convener: Ariella Cattai

9:00 – 9:20 AM **Development of resistive Micromegas TPCs for the T2K experiment**

**Speaker**

Alain Delbart

9:25 – 9:45 AM

**First Production Modules of the ATLAS Micromegas and Performance Studies**

**Speaker**

Aimilianos Koulouris

9:50 – 10:10 AM

**Progress on the PICOSEC-Micromegas Detector Development: towards a precise timing, radiation hard, large-scale particle detector with segmented readout**

**Speaker**

Kostas Kordas

10:15 – 10:35 AM

**Commissioning and beam test a high pressure time projection chamber**

**Speaker**

Alexander Deisting

10:40 AM

11:30 AM

### Gas Detectors

Session | Location: EI9 | Convener: Ariella Cattai

11:30 – 11:50 AM **The ultra light Drift Chamber of the MEGII experiment**

**Speaker**

Dr Malte Hildebrandt

11:55 AM – 12:15 PM

**Upgrade of the CMS Muon System with GEM Detectors: recent progress on construction, certification, Slice Test, and Long-term Operation**

**Speaker**

Francesco Fallavollita

12:20 – 12:40 PM

**AXEL: High-pressure Xe gas TPC for BG-free 0v2b search**

**Speaker**

Dr Shuhei Obara

12:45 PM

## Thu, February 21

9:00 AM

### Gas Detectors

Session | Location: EI9 | Convener: Ariella Cattai

9:00 – 9:20 AM

#### The Cylindrical-GEM Inner Tracker Detector of the KLOE-2 Experiment

**Speaker**

Alessandro Di Cicco

9:25 – 9:45 AM

#### A new Transition Radiation detector based on GEM technology

**Speaker**

Sergey Furletov

9:50 – 10:10 AM

#### Upgrade of the ATLAS Muon Spectrometer Thin Gap Chambers and their electronics for the HL-LHC phase

**Speaker**

Chav Chhiv Chau

10:15 – 10:35 AM

#### Novel Resistive-Plate WELL sampling elements for (S)DHCAL

**Speaker**

Dr Shikma Bressler

10:40 AM

11:30 AM

### Gas Detectors

Session | Location: EI9 | Convener: Ariella Cattai

11:30 – 11:50 AM

#### Performance studies of RPC detectors with new environmentally friendly gas mixtures in presence of LHC-like radiation background

**Speaker**

Beatrice Mandelli

11:55 AM – 12:15 PM

#### Optical readout of gaseous detectors: new developments and perspectives

**Speaker**

Dr Florian Maximilian Brunbauer

12:20 – 12:40 PM

#### The gaseous QUAD pixel detector

**Speakers**

Dr Peter Kluit, Peter Kluit, Mr Ruud Kluit

12:45 PM