

Session Program

Feb 15 - 19, 2016

**VCI2016 - The 14th Vienna Conference on
Instrumentation**

Medical Applications

Vienna University of Technology
Gusshausstraße 27-29, 1040 Wien

Thu, February 18

2:00 PM

Medical Applications: PET

Session | **Location:** Vienna University of Technology, E19, Gusshausstraße 27-29, 1040 Wien | **Convener:** Mara Bruzzi

14:00 - 14:20

State of the art time resolution in TOF-PET detectors for various crystal sizes and types

Speaker

Stefan Gundacker

14:25 - 14:45

Development of High-Resolution Detector Module with Depth of Interaction Identification for Positron Emission Tomography

Speaker

Tahereh Niknejad

14:50 - 15:10

The SAFIR project: Status and perspectives

Speaker

Chiara Casella

15:15 - 15:35

Intraoperative probe for radioguided surgery with beta- decays in brain tumor resection

Speaker

Elena Solfaroli Camillocci

3:40 PM

4:30 PM

Medical Applications: Hadron Therapy

Session | **Location:** Vienna University of Technology, E19, Gusshausstraße 27-29, 1040 Wien

16:30 - 16:50

proton Computed Tomography images with algebraic reconstruction

Speaker

Mara Bruzzi

16:55 - 17:15

Design of a tracking device for on-line dose monitoring in hadron therapy

Speaker

Dr Silvia Muraro

17:20 - 17:40

The IMPACT project tracker and calorimeter

Speaker

Serena Mattiazzo

17:45 - 18:05

Development of a compact scintillator-based high-resolution Compton camera for molecular imaging

Speaker

Ms Aya Kishimoto

6:10 PM