

## **Session Program**

**Feb 21 - 25, 2022**



# **VCI2022 - The 16th Vienna Conference on Instrumentation**

## ***Large Detector Systems***

Vienna University of Technology  
Gusshausstraße 27-29, 1040 Wien

# Mon, February 21

9:30 AM

## Large Detector Systems: The Far Future

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

09:30 - 10:10 **ECFA Detector R&D Roadmap**

**Speaker**  
Susanne Kuehn

10:20 - 11:00

**Requirements and R&D for Detectors at the Future Electron-Ion-Collider (EIC)**

**Speaker**  
Thomas Ullrich

11:10 AM

## Tue, February 22

11:00 AM

### Large Detector Systems: Today

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

11:00 - 11:20

#### The upgraded ALICE Inner Tracking System (ITS): installation, commissioning and performance results

**Speaker**

Markus Keil

11:25 - 11:45

#### The Belle II Pixel Detector - Operation and Performance

**Speaker**

Björn Spruck

11:50 - 12:10

#### The Silicon Vertex Detector of the Belle II Experiment

**Speaker**

Laura Zani

12:15 - 12:35

#### The New Small Wheel Project for the ATLAS muon Spectrometer

**Speaker**

Artur Coimbra

12:40 PM

2:00 PM

### Large Detector Systems: The Near Future

**Session** | **Location:** Vienna University of Technology, Gusshausstraße 27-29, 1040 Wien | **Convener:** Joachim Josef Mních

14:00 - 14:20

#### The Mu2e Experiment - Searching for Charged Lepton Flavor Violation

**Speaker**

Michael Hedges

14:25 - 14:45

#### Commissioning and preliminary performance of the MEG II drift chamber

**Speaker**

Marco Chiappini

14:50 - 15:10

#### Refurbishment of the CMS Pixel Detector during LS2 and projected lifetime in Run 3

**Speaker**

Atanu Modak

15:15 - 15:35

#### The Upgraded ALICE TPC

**Speaker**

Philip Hauer

3:40 PM

4:00 PM

## Large Detector Systems: Future Tracking

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

16:00 - 16:20 **Phase 2 Upgrade of the ATLAS Inner Tracker**

**Speaker**  
Stefano Terzo

16:25 - 16:45 **The LHCb VELO Upgrade I**

**Speaker**  
Paula Collins

16:50 - 17:10 **The Scintillating Fibre Tracker for the LHCb Upgrade**

**Speaker**  
Lais Soares Lavra

17:15 - 17:35 **ALICE ITS3 - a bent, wafer-scale CMOS detector**

**Speaker**  
Alex Kluge

5:45 PM

## Wed, February 23

9:00 AM

### Large Detector Systems: Future Calorimetry and Timing

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

09:00 - 09:20 **The CMS MIP Endcap Timing Layer: From concept towards production**

**Speaker**

Daniel Spitzbart

09:25 - 09:45 **A High-Granularity Timing Detector for the ATLAS Phase-II upgrade**

**Speaker**

Frank Filthaut

09:50 - 10:10 **The CMS High Granularity Calorimeter for the High Luminosity LHC**

**Speaker**

Moritz Oliver Wiehe

10:15 AM

10:35 AM

### Large Detector Systems: The Far Future

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

10:35 - 10:55 **The Belle II Upgrade Program**

**Speaker**

Francesco Forti

11:00 - 11:20 **ALICE 3**

**Speaker**

Jochen Klein

11:25 - 11:45 **Scintillating sampling ECAL technology for the Upgrade II of LHCb**

**Speaker**

Marco Pizzichemi

11:50 - 12:10 **Designing a Muon Collider Detector**

**Speaker**

Sergo Jindariani

12:15 PM