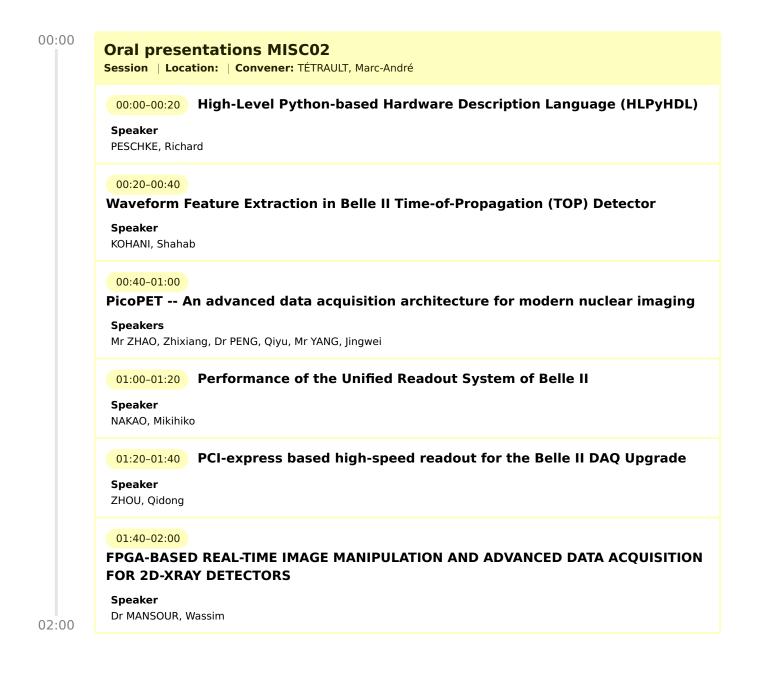**Session Program**

12-23 Oct 2020

22nd Virtual IEEE Real Time Conference

Oral presentations MISC02

Friday 23 October

00:00

Oral presentations MISC02
Session | **Location:** | **Convener:** TÉTRAULT, Marc-André

00:00–00:20 **High-Level Python-based Hardware Description Language (HLPyHDL)**

Speaker
PESCHKE, Richard

00:20–00:40

Waveform Feature Extraction in Belle II Time-of-Propagation (TOP) Detector

Speaker
KOHANI, Shahab

00:40–01:00

PicoPET -- An advanced data acquisition architecture for modern nuclear imaging

Speakers
Mr ZHAO, Zhixiang, Dr PENG, Qiyu, Mr YANG, Jingwei

01:00–01:20 **Performance of the Unified Readout System of Belle II**

Speaker
NAKAO, Mikihiko

01:20–01:40 **PCI-express based high-speed readout for the Belle II DAQ Upgrade**

Speaker
ZHOU, Qidong

01:40–02:00

FPGA-BASED REAL-TIME IMAGE MANIPULATION AND ADVANCED DATA ACQUISITION FOR 2D-XRAY DETECTORS

Speaker
Dr MANSOUR, Wassim

02:00