



# 22nd Virtual IEEE Real Time Conference

## Friday, October 23, 2020

### Oral presentations MISC02 (12:00 AM - 2:00 AM)

-Conveners: Marc-André Tétrault

time	[id] title	presenter
12:00 AM	[117] High-Level Python-based Hardware Description Language (HLPyHDL)	PESCHKE, Richard
12:20 AM	[128] Waveform Feature Extraction in Belle II Time-of-Propagation (TOP) Detector	KOHANI, Shahab
12:40 AM	[25] PicoPET -- An advanced data acquisition architecture for modern nuclear imaging	Mr ZHAO, Zhixiang Dr PENG, Qiyu Mr YANG, Jingwei
1:00 AM	[68] Performance of the Unified Readout System of Belle II	NAKAO, Mikihiro
1:20 AM	[94] PCI-express based high-speed readout for the Belle II DAQ Upgrade	ZHOU, Qidong
1:40 AM	[208] FPGA-BASED REAL-TIME IMAGE MANIPULATION AND ADVANCED DATA ACQUISITION FOR 2D-XRAY DETECTORS	Dr MANSOUR, Wassim