

Session Program

9-15 Jun 2018



21st IEEE Real Time Conference - Colonial Williamsburg

Large Experiments 3

Woodlands Conference Center
159 Visitor Center Dr, Williamsburg, VA 23185

Sunday 10 June

13:00

Large Experiments 3

Session | **Location:** Woodlands Conference Center, 159 Visitor Center Dr, Williamsburg, VA 23185 | **Convener:** Prof. Zhen-An Liu

13:00–13:20 **ATLAS Tile calorimeter calibration and monitoring systems**

Speaker

Marija Marjanovic

13:20–13:40

Online track reconstruction on GPUs for the Mu3e and LHCb experiments

Speaker

Dorothea Vom Bruch

13:40–14:00

Vertical Slice System Demonstration of a Tracking Trigger using an Associative Memory Approach

Speaker

Zhen Hu

14:00–14:20

The Phase-1 Upgrade of the ATLAS Level-1 Endcap Muon Trigger

Speaker

Shunichi Akatsuka

14:20–14:40

Streaming Readout of the sPHENIX Tracking System

Speaker

M. L. Porschke, for the sPHENIX collaboration

14:40