

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. Purschke, for the sPHENIX collaboration

14:40