

## **Session Program**

**9-15 Jun 2018**



## **21st IEEE Real Time Conference - Colonial Williamsburg**

### ***Imaging and detectors***

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

## Wednesday 13 June

10:40

### Imaging and detectors

**Session** | **Location:** Woodlands Conference Center, 159 Visitor Center Dr, Williamsburg, VA 23185 | **Convener:** Marc-André Tétrault

10:40–11:00

#### Pixel Detector System for Pencil Beam Scanning Proton Therapy

**Speaker**

Michael Eichin

11:00–11:20

#### Real-time Local Noise Filter in 3D Visualisation of CT Data

**Speaker**

Nicholas Tan Jerome

11:20–11:40

#### An FPGA based high speed network processor - Preprocessing detector images relieving data backend systems

**Speaker**

Martin Brückner

11:40–12:00

#### Characterization of TOF-PET Detectors Based on Monolithic Blocks and an ASIC-Readout

**Speaker**

Efthymios Lamprou

12:00–12:20

#### Configurable and Expandable High Speed Trigger Supervisor for Imaging Data Acquisition System.

**Speaker**

Mr John McKisson

12:20