

**Session Program**

**Jul 12 - 13, 2021**

**Advancing Medical Care through Discovery in  
the Physical Sciences**

***Session 5 Electronics, Data Processing, and  
Image Reconstruction***

Virtual

# Tue, July 13

10:00 AM

## Session 5 Electronics, Data Processing, and Image Reconstruction: Overview & Community Perspectives Panel

Session | Location: Virtual

### 10:00 - 10:40 Overview

#### Subcontributions

Capabilities from the Physical Sciences - Graham Heyes, JLab

State-of-the-art Challenges and Emerging Technologies - Rich Carson (Yale)

### 10:40 - 12:00 Community Perspectives Panel

#### Subcontributions

Streaming Readout, Fast Data Acquisition Techniques - Chris Cuevas

Ultrahigh Resolution PET Imaging of the Human Brain - Roger Lecomte

SPECT - Eric Frey, JHU

TeraHz Imaging - Sandra Biedron, UNM

Diagnostic Nuclear Medicine, David Mankoff, U Penn

Panel Discussion

12:00 PM