

## **Session Program**

**Oct 16 - 21, 2022**



# **Accelerator Reliability Workshop (ARW) 2022**

## ***New & Innovative Accelerator Technology***

Marriott Newport News at City Center  
740 Town Center Dr., Newport News, Virginia, USA 23606 Front Desk: +1 757-873-9299 TOLL FREE:  
+1-866-329-1758

# Thu, October 20

3:30 PM

## New & Innovative Accelerator Technology

Session | Location: | Convener: DI CASTRO, Mario

15:30 - 15:50

### A Digital Twin Application for Particle Accelerators

**Speaker**

SMAKULSKA, Dorota

**Location**

15:50 - 16:10

### Hardware integrity assessment of the Fast Beam Interlock System (FBIS) at ESS

**Speakers**

GUSTAFSSON , Johannes, WENG, Joanna

**Location**

16:10 - 16:35

### Alarm Management at the Australian Synchrotron

**Speaker**

DE BOOY, Jonathan

**Location**

16:35 - 17:00

### Multi-Module Based VAE to Predict HVCM Faults in the SNS Accelerator

**Speaker**

ALANAZI, Yasir

**Location**

5:00 PM