

Session Program

25-27 Nov 2024

**Next Generation Triggers 1st Technical
Workshop**

Work Package 1

CERN, 774/R-013

Monday 25 November

14:00

Work Package 1: Infrastructure, Algorithms and Theory

Session | Location: CERN, 774/R-013

14:00-14:20

Task 1.1: Hardware and services for large scale NN optimisation and training, and physics simulation

Speaker

Ricardo Rocha

14:20-14:40

Task 1.2: Fast inference of complex network architectures on LHC online systems

Speaker

Dimitrios Danopoulos

14:40-15:00

Task 1.3: Hardware-aware AI optimization

Speaker

Roope Oskari Niemi

15:00-15:20

Task 1.4: Tensor Networks for Quantum Systems

Speaker

Enrique Rico Ortega

15:20-15:50

Task 1.5: New computing strategies for data modeling and interpretation

Speakers

Daniele Massaro, Jacob Friedrich Finkenrath

15:50

16:20

Work Package 1

Session | Location: CERN, 774/R-013

16:20-16:30

Task 1.6: New Physics scenarios and Standard Model properties as trigger benchmarks

Speaker

Michelangelo Mangano

16:30-16:50

Task 1.7: Common software developments for heterogeneous architectures

Speaker

Jolly Chen

16:50