## IRN Terascale @ Bonn

## mercredi 30 mars 2022

## **Methods and Tools** (09:15 - 10:30)

| time [id] title   | presenter           |
|---|---------------------|
| 09:15 [16] Targeting Multi-Loop Integrals with Neural Networks            | WINTERHALDER, Ramon |
| 09:40 [17] Predicting scattering amplitudes with Bayesian neural networks | PITZ, Sebastian     |
| 10:05 [18] Bridge between Classical & Quantum Machine Learning            | ARAZ, Jack          |

## Methods and Tools (11:00 - 12:30)

| time [id] title  | presenter      |
|--|----------------|
| 11:00 [19] What's Anomalous in LHC Jets?                     | THORSTEN, Buss |
| 11:30 [20] Self-supervised learning in particle physics      | DILLON, Barry  |
| 12:00 [21] Invertible Networks for the Matrix Element Method | HEIMEL, Theo   |