



# BOOST 2024 - 16th International Workshop on Boosted Object Phenomenology, Reconstruction, Measurements, and Searches at Colliders

## Monday, July 29, 2024

Novel Techniques - Palazzo Ducale (4:40 PM - 5:40 PM)

| time    | [id] title   | presenter                |
|---------|--|--------------------------|
| 4:40 PM | [63] AI-based event classification with CMS                                | ZHOU, Chen               |
| 5:00 PM | [6] OmniLearn: A Method to Simultaneously Facilitate All Jet Physics Tasks | MIKUNI, Vinicius         |
| 5:20 PM | [46] A multi-task Large Language Model for jets                            | REYES-GONZALEZ, Humberto |

# Wednesday, July 31, 2024

## Novel Techniques - Palazzo Ducale (2:40 PM - 4:00 PM)

| time    | [id] title   | presenter         |
|---------|--|-------------------|
| 2:40 PM | [78] Accelerating resonance searches via signature-oriented pre-training | LI, Congqiao      |
| 3:00 PM | [42] Streamlined jet tagging network assisted by jet prong structure     | NOJIRI, MIHOKO    |
| 3:20 PM | [77] Efficient machine learning for model-independent tests              | Dr LETIZIA, Marco |
| 3:40 PM | [70] SPECTER: Efficient Evaluation of the Spectral EMD                   | GAMBHIR, Rikab    |

# Thursday, August 1, 2024

## Novel Techniques - Palazzo Ducale (11:00 AM - 12:20 PM)

| time     | [id] title  | presenter               |
|----------|---|-------------------------|
| 11:00 AM | [33] Event shapes of High Multiplicity Jets                     | CESAROTTI, Cari         |
| 11:20 AM | [41] Detectorology and its Phenomenological Applications        | GONZALEZ, Mark          |
| 11:40 AM | [80] Does equivariance make better models?                      | Dr BOGATSKIY, Alexander |
| 12:00 PM | [79] Learning powerful jet representations via self-supervision | LIU, Qibin              |