



Third HEP Graduate Workshop

University of Batna 1, Batna, Algeria 24-26 May 2022

Topics:

Particle physics
Dark Matter searchers at colliders
BSM searchers at colliders
Top quark physics
QCD and jets substructure
Machine Learning (ML) in HEP
Detectors and instrumentation at colliders

ONLINE

VIA ZOOM

Scientific committee

John Ellis (King's College London & CERN)
Andreas Hoecker (CERN)
Rachik Soualah (University of Sharjah)
Yazid Delenda (University of Batna 1)
Essma Redouane-Salah (University of M'sila)
Salah Nasri (UAE University)
Amine-Ahriche (University of Sharjah)

Speakers:

John Ellis (King's College London, UK, CERN)
Daniela Bortoletto (Oxford University, UK)
Katharine Leney (SMU Dallas, USA)
Michele Pinamonti (INFN, Trieste, Italy)
Benjamin Nachman (LBNL, USA)
Giancarlo Panizzo (Udine, Italy)
Tobias Golling (Geneva University, CH)
Caterina Doglioni (Lund University, Sweden)

Workshop Chairs

Rachik Soualah (University of Sharjah)
Essma Redouane-Salah (University of M'sila)
Yazid Delenda (University of Batna 1)

Local Organizing Committee

Abdeslam Dif (Chair, Rector of University of Batna 1)
Yazid Delenda (Chair, Univ. of Batna 1)
Amine Ahriche (University of Sharjah, UAE)
Mostafa Moumni (University of Batna 1)
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Mekki Aouachria (Univ. of Batna 1)
Kamel Khelifa-Kerfa (Univ. of Relizane)

Further information:

<https://indico.cern.ch/e/HEP-Batna>
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Timgad, Batna.

LHC 27 km

LHCb

CERN

SPS 7 km

ATLAS

SE
ANCE

CMS