APRIL 12-14
Minneapolis, MN

GHP 2023 WORKSHOP

WORKSHOP TOPICS INCLUDE:

- Artificial intelligence and machine learning for hadron physics
- Electron Ion Collider and other future facilities and experiments
- Electroweak probes
- Extreme matter and neutron star collisions
- Hadrons in nuclei
- Hadron spectroscopy
- Hadron tomography
- Hadronization
- Heavy flavor and jet production
- Neutrino-hadron interactions
- New physics and discrete symmetry violation in hadron physics
- Nonequilibrium dynamics
- Nucleon and nuclear spin physics
- Origin of hadron mass
- Physics of the quark-gluon plasma
- Quantum information for hadron physics
- Small systems and collectivity
- Transverse and longitudinal structure of hadrons
- Ultraperipheral Collisions

10th WORKSHOP OF THE APS TOPICAL GROUP ON HADRONIC PHYSICS

The GHP workshop is a great opportunity for nuclear and particle physicists to share their research and common interests in hadronic physics. We welcome your attendance and participation. Please encourage your students and postdocs to take part.

The workshop immediately precedes the APS April Meeting 2023 and is at the same venue.

ORGANIZING COMMITTEE:

Ron Belmont (UNC Greensboro)

William Brooks (Federico Santa Maria Technical University) - *workshop co-chair*

Ian Cloët (Argonne National Laboratory)

Martha Constantinou (Temple University)

James Dunlop (Brookhaven National Laboratory)

Dave Gaskell (Jefferson Lab)

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