

First Circular

Subject: 10th Workshop of the APS Topical Group on Hadronic Physics
(abstract submission is open)

Dear Colleagues,

This is the first circular of the 10th Biennial Workshop of the APS Topical Group on Hadronic Physics (GHP2023) which will be held in mixed mode on April 13-16, 2023, both in-person in Minneapolis, MN, and via Zoom, although attendance in-person is strongly encouraged. The workshop immediately precedes the APS April Meeting 2023.

The workshop website can be found at:

<https://www.jlab.org/indico/e/ghp2023>

To assist in meeting organization we invite all those interested to register at the workshop website. The registration fees are as follows, please see the website for details and options:

| | GHP member | GHP non-member |
|----------------------|------------|----------------|
| Regular, in-person | \$160 | \$210 |
| Students, in-person | \$25 | \$75 |
| Online participation | \$30 | \$80 |

The workshop will consist of plenary talks and invited/contributed parallel talks. We anticipate that all parallel talks will be 20+5 mins. There will also be an opportunity to give flash talks in the afternoon of Friday, April 16.

Abstract submission is now open on the website with a submission deadline of 20 January 2023. If you wish to give a flash talk, please note that on the abstract.

The GHP workshop provides a great opportunity for nuclear and particle physicists to share their research and common interests in hadronic physics. We are hoping for your attendance and participation, and that you will also encourage your students and postdocs to take part.

The topics of the workshop include:

Artificial intelligence and machine learning for hadron physics
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
Ultrapерipheral Collisions

Please mark your calendars. We hope to see many of you at this GHP2023 workshop!

On behalf of the GHP Organizing Committee:

William Brooks (co-chair)
Julia Velkovska (co-chair)
Ron Belmont
Ian Cloët
Martha Constantinou
James Dunlop
Dave Gaskell
Spencer Klein
Alexei Prokudin
Susan Schadmand
Axel Schmidt
Ramona Vogt