

Welcome !

10th Workshop of the APS Topical Group on Hadronic Physics

April 12-14, 2023, Minneapolis

Julia Velkovska



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

WiFi: HILTON_MEETINGS
Password: aps23

We acknowledge generous support from

GORDON AND BETTY
MOORE
FOUNDATION

Group on Hadronic Physics of APS

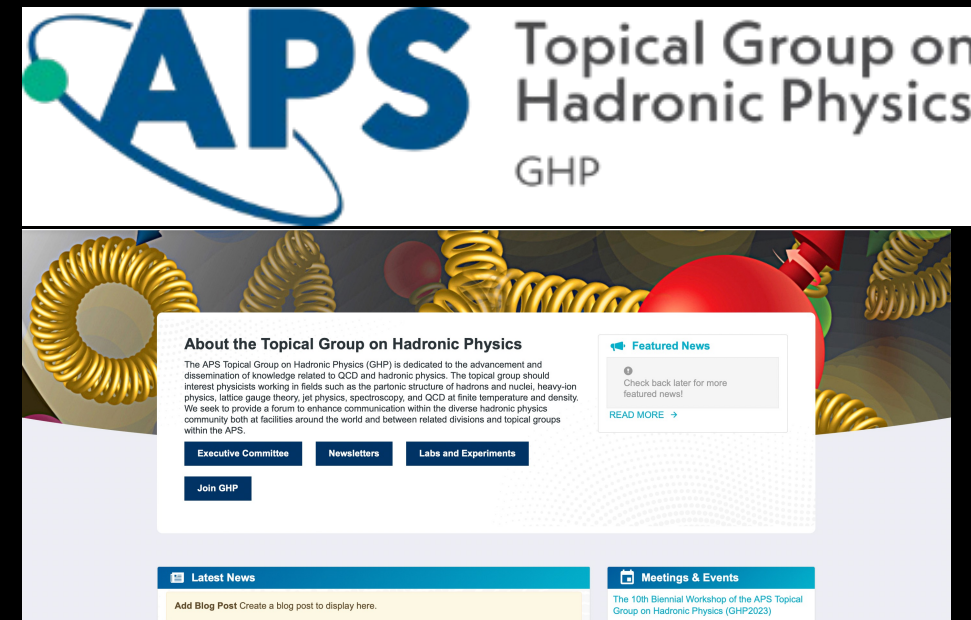
- Dedicated to the advancement and dissemination of knowledge related to QCD and hadron physics
- Effectiveness of this advocacy and its impact is strongly associated with the number of GHP members
- The Unit membership determines:
 - Number APS Fellows the GHP can nominate is currently 2 (250 members ' 1 APS Fellow/year)
 - Number of GHP invited sessions at APS April Meeting (currently 2)

GHP membership directly supports:

GHP Meeting, GHP sessions at APS April Meeting, APS Fellows, Dissertation award

GHP helps reward and highlight the world-class research in our field

Please consider joining the GHP | \$10/yr with APS membership



<https://engage.aps.org/ghp/home>

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
- Ultrapерipheral 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)
Spencer Klein (Lawrence Berkeley National Laboratory)
Alexei Prokudin (Penn State Berks)
Susan Schadmand (GSI Helmholtzzentrum für Schwerionenforschung GmbH)
Axel Schmidt (George Washington University)
Julia Velkovska (Vanderbilt University) - *workshop co-chair*
Ramona Vogt (Lawrence Livermore National Laboratory & UC Davis)

10th GHP Workshop program

- Broad variety of hadronic physics topics
 - 6 plenary sessions
 - Talks are 30 min , including questions
 - 24 parallel sessions
 - Talks are 20 min, including questions
- Business meeting:
 - Wednesday, April 12, 6-8 pm
 - Reports from DOE, NSF, EIC, BNL, JLab and GHP leadership
- Workshop banquet
 - Thursday, April 13, 6-10 pm
- Plenary awards sessions
 - Friday afternoon, April 14

Meeting details

- The meeting will adhere to the **APS code of conduct**, accessible from the workshop website
- If you have any concerns, please contact the meeting chairs (emails on indico webpage)
- The meeting is hybrid: **zoom link** is available at the workshop website for registered participants
 - Plenary sessions in Marquette IV-VII and main zoom room
 - Parallels in Orchestra A, B, C, D and zoom break-out rooms
 - All questions shall be asked using the room's stationary microphones
 - Zoom chat or raise hand feature can be used by remote participants
 - All talks will be projected from the room laptops. Please upload your talk **in pdf format** to indico 2 hours before the session. Remote speakers, check in zoom 15 min before start of session

We need zoom session-chair helpers:

Young participants with travel support for the meeting, please see me at the help desk in the coffee break to sign up

The screenshot shows the website for the 10th workshop of the APS Topical Group on Hadronic Physics. The header includes the dates 12-14 Apr 2023, the location Minneapolis, Minnesota, and the time zone US/Central. A search bar is visible in the top right. A left-hand navigation menu lists various sections, with 'Code of Conduct for APS Meetings' and 'Zoom link' highlighted with red boxes. The main content area provides an overview of the workshop, its dates, and a list of topics to be discussed.

10th workshop of the APS Topical Group on Hadronic Physics

12-14 Apr 2023
Minneapolis, Minnesota
US/Central timezone

Enter your search

Overview

Code of Conduct for APS Meetings

Timetable

Timetable detailed

timetable-detailed.pdf

Meeting Rooms

Zoom link

Registration

Participant List

Contribution List

My Conference

My Contributions

Venue and Accommodation

Workshop Banquet

The 10th biennial workshop of the APS Topical Group on Hadronic Physics (GHP2023) provides opportunities for nuclear and particle physicists to meet and discuss their common interests in hadronic interactions. The workshop precedes the in-person 2023 April Meeting of the Physical Society (April 15-18, 2023) and will take place at the same venue.

Workshop topics include:

- Artificial intelligence and machine learning for hadron physics
- Electron Ion collider and other future initiatives
- Electroweak probes
- Extreme matter and neutron star collisions
- Hadrons in nuclei
- Hadron spectroscopy
- Hadron tomography
- Hadronization
- Heavy flavor and jet production
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