

Welcome

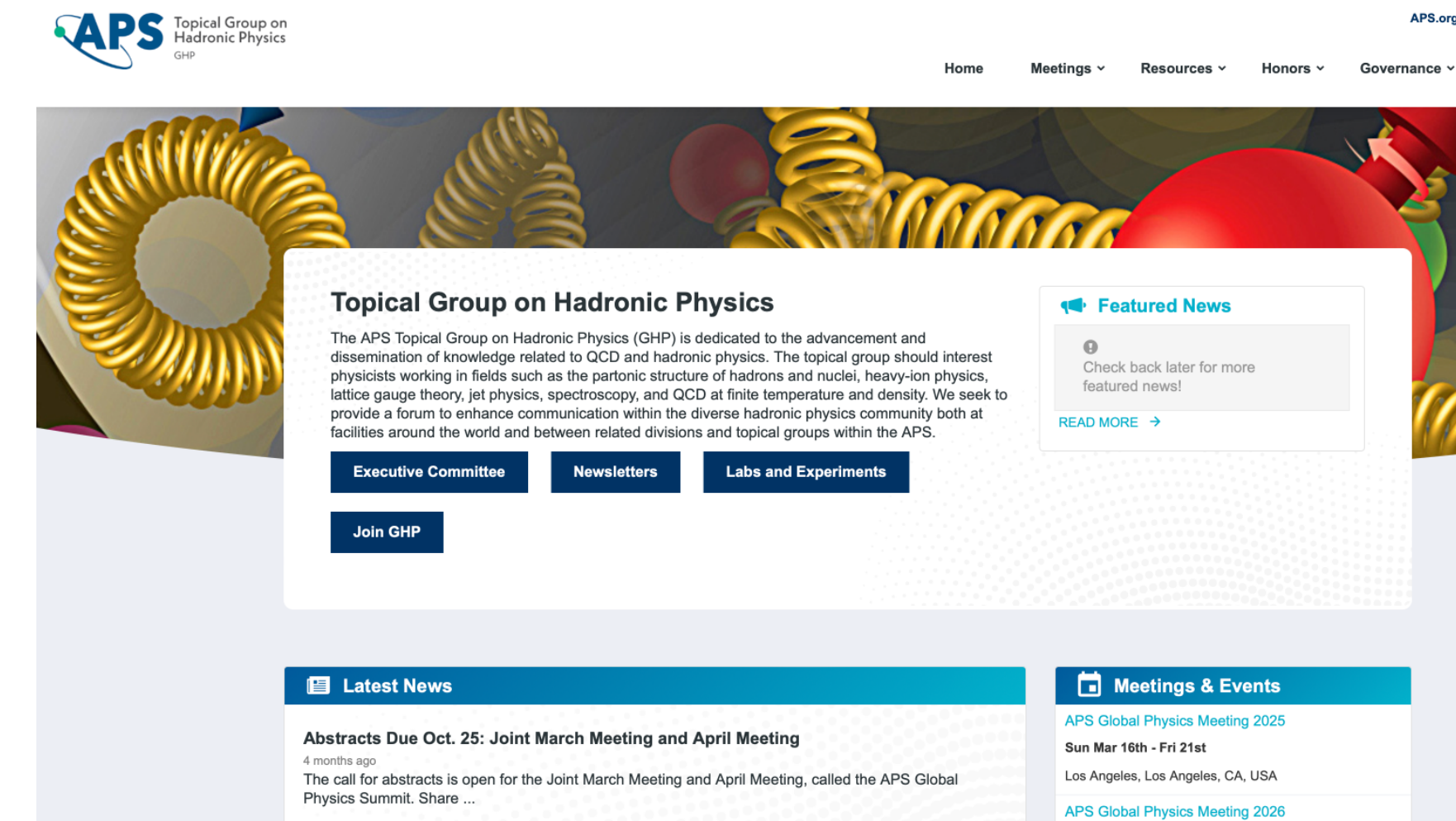
11th Workshop of the APS Topical Group on Hadronic Physics

Björn Schenke, March 14 2025

Group on Hadronic Physics



- 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:
 - # of APS Fellows the GHP can nominate (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>

GHP 2025 Organizing Committee



- Bernd Surrow (Temple) (workshop co-chair)
- Bjoern Schenke (BNL) (workshop co-chair)
- Daniel Brandenburg (OSU)
- Daniel Pitonyak (Lebanon Valley)
- Elena A Long (University of New Hampshire)
- James Dunlop (Brookhaven National Laboratory)
- Julia Velkovska (Vanderbilt University)
- Megan Connors (Georgia State)
- Ramona Vogt (Lawrence Livermore National Laboratory & UC Davis)
- Richard Tyson (Jefferson Lab)
- Shohini Bhattacharya (UConn)
- Susan Schadmand (GSI Darmstadt)
- William Brooks (Federico Santa Maria Technical University)
- Wouter Deconinck (University of Manitoba)



APS GHP 2025 Workshop

11th Workshop of the
APS Topical Group on
Hadronic Physics



ORGANIZING COMMITTEE:

- Shohini Bhattacharya
(University of Connecticut)
- Daniel Brandenburg
(The Ohio State University)
- William Brooks
(Federico Santa Maria Technical University)
- Megan Connors
(Georgia State University)
- Wouter Deconinck
(University of Manitoba)
- James Dunlop
(Brookhaven National Laboratory)
- Elena A Long
(University of New Hampshire)
- Daniel Pitonyak
(Lebanon Valley College)
- Susan Schadmand
(GSI Darmstadt)
- Bjoern Schenke (Workshop co-chair)
(Brookhaven National Laboratory)
- Bernd Surrow (Workshop co-chair)
(Temple University)
- Julia Velkovska
(Vanderbilt University)
- Ramona Vogt
(LLNL & University of California, Davis)



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

Anaheim, CA
March 14 - 16, 2025



The GHP workshop is an excellent opportunity for nuclear and particle physicists to share their research and explore common interests in hadronic physics. We warmly welcome your attendance and participation and encourage you to invite your students and postdocs to take part.

The workshop will take place immediately before the APS 2025 Global Physics Summit at the same venue.



APS GHP 2025

- 6 plenary sessions
- talks are 30 minutes including questions
- 24 parallel sessions
- talks are 25 minutes including questions
- Business meeting -
 - Sunday evening, March 16, 6:00pm
 - Reports from DOE, JLab, BNL, EIC, and GHP leadership - please join!
- Plenary awards sessions: Sunday afternoon
- Workshop banquet
 - Joe's Crab Shack, JCS Garden Grove
 - Saturday evening, March 15, 2025, 6:30pm-9:30pm
- Lunch options
 - Food court in the Hilton
 - Wide variety of restaurants in the area




CONTACT:

ghpworkshops@gmail.com
<https://indico.jlab.org/e/GHP2025>

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)
- Please upload your talk in pdf format to indico at least 2 hours before the session



The 11th workshop of the APS Topical Group on Hadronic Physics

14–16 Mar 2025
Anaheim Convention Center
US/Pacific timezone

Full registration, incl. payment of the workshop fee, is open

- Overview
- Code of Conduct**
- Information for speakers
- Timetable
- Timetable - Epitome
- Registration
- Participant List
- Call for Abstracts
- Contribution List
- Venue and Accommodation
 - Floorplan for the meeting rooms
- Circulars
- Restricted area (for registered participants only)
 - Access code for blocked hotel rooms
- Workshop Banquet
- Organizing Committee
- Workshop Poster
- Previous Workshops

The 11th biennial workshop of the [APS Topical Group on Hadronic Physics](#) (GHP2025) provides great opportunities for nuclear and particle physicists to meet and discuss their common interests in hadronic interactions.

The workshop precedes the 2025 Global Physics Summit (March 16-21, 2025) of the American Physical Society and will take place at the same location.

Starts 14 Mar 2025, 07:00
Ends 16 Mar 2025, 20:00
US/Pacific

Anaheim Convention Center
Anaheim, CA
United States

Bernd Surrow
Bjoern Schenke

- GHP 2025 Anaheim Floorplan.pdf
- GHP 2025 - Call for Abstracts.pdf
- GHP2025 - First Circular.pdf
- GHP2025 - Second Circular.pdf
- Poster_GHP2025.jpeg
- Poster_GHP2025.pdf

The meeting will be in person.

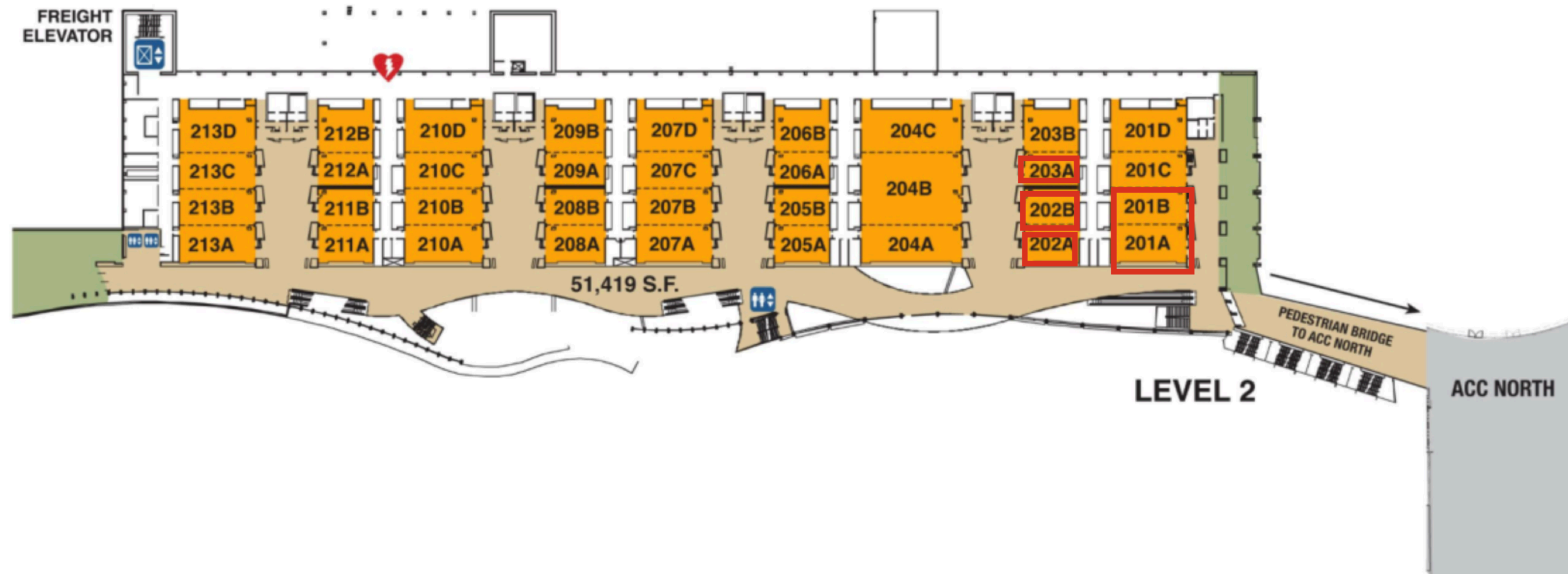
Registration
You are registered for this event. [See details >](#)

Contact: Su. Schadmand

Meeting rooms

- Plenary sessions and business meeting will be held in room **201AB**
- Parallel sessions in rooms 201AB, 202A, 202B, and 203A

ACC Level Two



Join GHP!



- Please join GHP if you are not yet a member
- Please nominate students for the dissertation award
- Please nominate APS Fellows
- For information on the history of GHP please have a look at

<https://indico.jlab.org/event/667/contributions/12332/attachments/9133/13263/GHP-history.pdf>