

FRONTIERS AND CAREERS IN NUCLEAR AND PARTICLE PHYSICS

UUA, BOSTON, MASSACHUSETTS

AUGUST 2ND – 4TH, 2018

DESCRIPTION:

The Frontiers and Careers in Nuclear and Particle Physics Workshop is aimed towards bringing together Ph.D. students and postdoctoral researchers in the field of Nuclear and Particle physics to discuss research and career perspectives in a friendly environment. Participants will be provided the opportunity to present their work, develop soft skills, network with peers, and interact with a panel of experienced faculty members and physicists, all with the express purpose of preparing themselves for their future careers. The workshop will begin with a reception at 6:00 pm on August 2nd, 2018 followed by student talks. There will also be plenary talks and networking sessions for the subsequent two days. During the workshop, attendees will be granted the chance to speak with leading physicists and esteemed faculty members regarding vital interview skills and effective building of CV's.

PRELIMINARY AGENDA:

Student and postdoc presentations (strongly encouraged), talks on career opportunities in Europe and the US, CV and interviewing preparation, career panel discussion with experts. Detailed agenda will be posted on the website soon.

KEY DATES:

Registration for the workshop is open and available at <http://frontiers.mit.edu/>. Participants should register as soon as possible due to limited slots. The final registration deadline is June 1st and the abstract submission deadline is July 1st.

FINANCIAL ASSISTANCE:

Financial assistance is available. Preference will be given to students who wish to attend both the Frontiers and Careers in Nuclear and Particle physics workshop as well as the Gordon Research Conference – Photonuclear Reactions.

LOCATION:

The workshop will take place in downtown Boston, Massachusetts in the historic seaport district. Conference space has been rented at the UUA (24 Farnsworth St.) and a hotel offer is available from Yotel Boston hotel, a 3 minute walk to the conference venue.

WORKSHOP WEBSITE:

<http://frontiers.mit.edu/>, for comments and questions please email FrontiersAndCareers@gmail.com.

OTHER INFO:

The workshop is also very close in proximity and precedes the Gordon Research Conference (GRC). Attendance to the GRC is highly recommended. Website to Gordon Research Conferences <https://www.grc.org/photonuclear-reactions-conference/2018/>.

ORGANIZING COMMITTEE:

U.S. chair: *Ethan Cline* (cline@physics.rutgers.edu)

European chair: *Cristina Collicott* (collicot@uni-mainz.de)



From Quarks to Nuclei in Photonuclear Reactions

August 5 - 10, 2018

Apply Now

Holderness School
33 Chapel Lane
Holderness, NH, US

<https://www.grc.org/photonuclear-reactions-conference/2018/>

Photo-nuclear Reactions is a forum for the presentation and discussion of the most recent and exciting results in a wide range of subatomic physics topics. Since 1959, the Photo-nuclear Gordon Research Conference has been a preeminent meeting for the discussion of new ideas and results, even at the preliminary stage, providing ample and unique opportunities for young scientists and leading researchers to interact in the most scientifically stimulating environment. Participation from students and junior researchers is particularly encouraged.

Topics for the 2018 conference are: **Nucleons in Nuclei, QCD for Neutrino Physics, Movement of Partons in the proton, Innovative Tools for the Study of Hadrons, Hadron Spectrum and QCD, Imaging the Proton in 3D, Long Range Structure of Hadrons, and Origin of the Proton Mass.** The full program is posted on the conference webpage.

A unique format: The conference is structured around invited morning and evening talks, and poster sessions. The afternoons are left free on purpose to promote discussions, exchange of new ideas, and connections among colleagues, while enjoying the many outdoor activities offered by the area.

Poster competition: A two-day poster competition will be organized at the beginning of the conference, and the best theory poster and experimental poster presenters will be rewarded with the chance to present their research in a short talk during the conference.

Financial Support: Limited but substantial support is available to help defray the registration or travel costs. Inquire with the conference Chairs about this opportunity.

Registration is on-going. **The deadline for application is July 8th, 2018.**

Conference Chairs: J. Roche (rochej@ohio.edu), N. d'Hose (nicole.dhose@cea.fr) and H-W. Lin (hwlin@pa.msu.edu).

We strongly encourage our junior attendees to also consider participating in the "Frontiers & Careers" workshop that is organized immediately before the Photo-nuclear Reactions GRC in Boston.

<http://frontiers.mit.edu/>