



Parton Distributions and Lattice Calculations (PDFLattice2019)

25-27 September 2019, W.K. Biological Station, Hickory Corners, MI

Final Bulletin

1 Aim of the workshop

The workshop continues the series started at the University of Oxford in 2017 (PDFLattice2017) and aims at bringing together the global PDF analysis and lattice-QCD communities to explore ways to improve the current understanding of the distributions of partons in the nucleon.

2 Scientific program

The format of the workshop will be similar to the one adopted in the previous edition. For each session, we are scheduling an introductory talk to provide each community with the framework and current state of the other. This is followed by few short talks and ample time for discussions. Short talks are expected to focus on topical/technical aspects and/or new ideas, even preliminary. Therefore they do not need to contain introductory material. Speakers are encouraged to talk to each other when preparing their talks. Because we believe that discussions are an important part of the workshop, and we would like to enforce them, we kindly ask speakers to make an effort not to exceed the allocated time for their talks.

Following the survey that was circulated earlier among the participants of the previous workshop, on top of a follow-up on the topics discussed in Oxford, we will dedicate one full day to talk about issues and opportunities in the determination of transversity. The rest of the workshop will include a brainstorming session on what lattice QCD could do to help determine Generalised Parton Distributions (GPDs), and a session to plan how the output of the workshop will be documented.

The agenda of the workshop can be found on its indico web page. In order to ensure a smooth transition between talks, we will use a single laptop/desktop to project slides. Speakers are kindly invited to upload the slides of their talks on the indico web page one session earlier than their expected talk, at the latest. The preferred format is .pdf. Should they be unable to upload the slides on the indico web page, they can contact the workshop organisers at any time.

Please note that we anticipate to have a *1-slide discussion* on Wednesday afternoon (4.30pm). The idea is to use one-slide talks to stimulate discussions if necessary, and limit them to about one minute per person. We will collect the files in .pdf format before the afternoon coffee break, and use a single computer to ensure that the presentation goes smoothly. The success of this exercise strongly relies on your ability to be as clear and concise as possible.

3 White Paper

The scientific outcome of the workshop will be collected in a joint-community white paper. We have allocated ample time on Friday morning to discuss the topics that should enter the document and task assignments to realise them.

4 Venue

The workshop will be hosted at the W. K. Biological Station, 3700 E. Gull Lake Drive, Hickory Corners, MI 49060. The conference centre provides an intimate setting on picturesque Gull Lake surrounded by natural gardens.

5 Travel information

Travel information is collected in the indico web page of the workshop. In order to ease the transfer of the delegates from the nearby airports to the conference venue on Tuesday 24 September, we have prepared a Google spreadsheet where the attendees are kindly invited to share their travel details, and indicate if they need or can offer a ride from their arrival airport to the workshop venue. We hope that this will allow us to maximise car sharing.

6 Accommodation

The Biological Station is a full-service conference centre located on grounds of the historic W.K. Kellogg's estate. All lodging rooms include linen (bedding/towels) and hotel-sized toiletries. The conference fee covers all meals (breakfast, lunch, dinner and coffee breaks) which will be provided on-site.

7 Social program

We have arranged a guided tour of the Kellog Manor House on Thursday 26 September at 5.45pm. It will be followed by the workshop banquet in the premises of the Kellog Centre. Please make sure to inform the workshop organisers of any dietary needs if you have not done so yet.

8 Accompanying persons

Your spouse and/or accompanying persons are welcome to attend the workshop banquet. However, to make sure we raise sufficient funding to cover the tour/banquet and ensure enough food for everyone, please let us know before Friday 13 September how many people will be accompanying you to the tour and/or the banquet. If you cannot make it, we would highly appreciate an advanced notice so that we can use surplus, if any, to provide some travel support to young postdocs.

9 Secretariat and inquiries

For all organisational questions please do not hesitate to contact Huey-Wen Lin at hwlin@pa.msu.edu or any of the workshop organisers.