

Hot and Cold QCD Town Meeting, September 23-25, 2022, MIT

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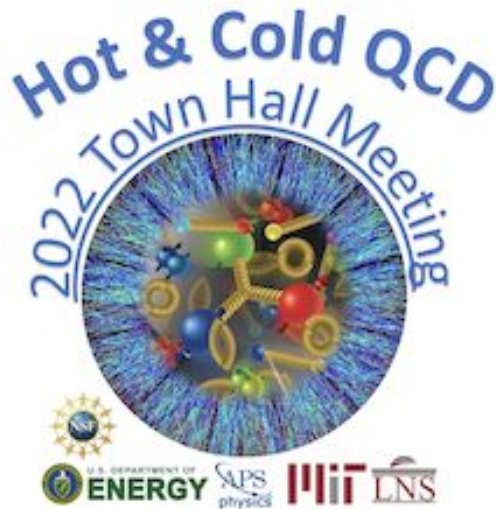
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DOE/NSF Charge for NSAC

The new NSAC LRP should articulate the scope and the scientific challenges of nuclear physics today, what progress has been made since the last LRP, and the impacts of these accomplishments both within and outside the field. It should identify and prioritize the most compelling scientific opportunities for the U.S. nuclear physics program to pursue over the next decade (fiscal year (FY) 2023-2032) and articulate its potential scientific impact. Further, a nationally coordinated strategy for the use of existing and planned capabilities, both domestic and international, and the rationale for new investments should be articulated. To be most helpful, the LRP should indicate what resources and

Town Hall Meetings are part of the NSAC LRP exercise:

- **Hot and Cold QCD, MIT, Sept. 23-25**
- **Nuclear structure, reactions & astrophysics, ANL, Nov. 14-16**
- **Fundamental symmetries, neutrons, neutrinos, UNC Chapel Hill, Dec. 14-16**

QCD Town Meetings since 2002

- 2002, Electromagnetic and Hadronic Physics, JLab; High Energy Nuclear Physics, BNL
- 2007, Phases of QCD; Hadronic Physics, Rutgers
- 2015, Hadron and Heavy Ion QCD Meeting, Temple
- 2022, Hot and Cold QCD Town Meeting, MIT

Joint effort from both hot and cold QCD

- For the first time we will:
 - Provide joint recommendations and initiatives
 - Write a joint white paper as important input for the LRP

Program at Glance

- 422 registered participants, close to 200 in-person
- Friday morning to early Sunday morning
 - Plenary: 6 sessions with 19 talks
 - Parallel: 10 session with 37 talks
 - Open mic: 43 presentations
 - Ample time for discussions
- Please keep on time
- Sunday morning, after last plenaries
 - recommendations/initiatives

Saturday Survey

- On Saturday evening, we will send out a survey to gather your feedback on first recommendations and initiatives drafted during the meeting
 - The deadline to respond is 07:00am Sunday
- On Sunday morning, the survey results will be presented and community discussion will take place
- Based on the discussion, we will make further edits to the draft recommendations and initiatives and send out for a final survey
- The survey results will be made public and guide the QCD White paper