

**When: November 12–13, 2019**

**Where: Brookhaven National Laboratory (remote connection available)**

**URL: <https://www.bnl.gov/dmo2019/>**

# Module of Opportunity for DUNE

November 12–13, 2019

Location: Brookhaven National Laboratory

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## Motivation

The DUNE experiment consists of four 10kton liquid-argon detector modules in separate cryostats. The technology choices for the first three modules have been described in the recent DUNE TDR. A fourth module will complete the DUNE Far Detector. This module provides opportunity for further development of liquid-argon or alternate technologies in support of the DUNE physics goals.

The DUNE Collaboration invites the broader particle physics community to participate in a workshop to explore opportunities for novel detector technologies for this "module of opportunity". The meeting will cover all major aspects of liquid argon TPC technology, including proposals for improvements in tracking, photon detection, electronics, high voltage, electronics and data-acquisition, considering improvements in detector integration and installation.

New detector concepts that can satisfy and expand the DUNE physics goals are encouraged.

**🚫 Online registration is now closed. Please contact the event coordinator to see if you can register at the door on the day of the event.**

## Sessions

### ► Overview & Goals

Convenors: *Stefan Soldner-Rembold (U. Manchester) and Edward Blucher (U. Chicago)*

## Evening Event

Registered participants are invited to attend the **no-host dinner** on Tuesday, November 12, 2019. Location and time to be determined, but we are



### Workshop Dates

November 12–13, 2019 📅

### Event ID

41055

### Workshop Venue

Brookhaven National Laboratory  
Upton, NY 11973 USA

[Getting to Brookhaven Lab](#)

### Workshop Location

Chemistry Department (Bldg. 555)  
Hamilton Seminar Room - [Map](#)

### Workshop Coordinator

Deborah Kerr

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### Workshop Poster

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