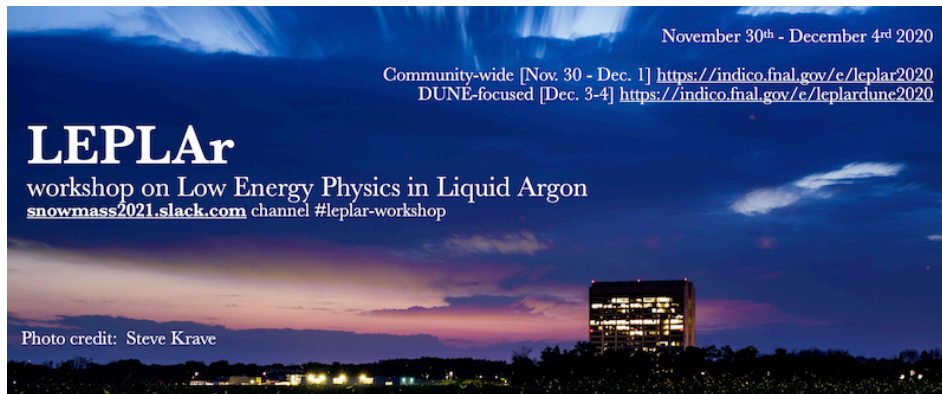


# LEPLAr Workshop



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Introduction

*Monday, 30 November 2020 08:00 (10 minutes)*

**Presenter:** SCHOLBERG, Kate (Duke University)

Contribution ID: 2

Type: **not specified**

## **MeV signatures in GeV events**

*Monday, 30 November 2020 08:10 (20 minutes)*

**Presenter:** LI, Shirley (Fermilab)

Contribution ID: 3

Type: **not specified**

## **Impact of MeV signatures on Osc Physics**

*Monday, 30 November 2020 08:30 (20 minutes)*

**Presenters:** WILKINSON, Callum (Lawrence Berkeley National Laboratory); WILKINSON, Callum

Contribution ID: 4

Type: **not specified**

## **MeV-scale signatures in BSM Searches**

*Monday, 30 November 2020 08:50 (30 minutes)*

**Presenters:** KELLY, Kevin (Northwestern University); KELLY, Kevin

Contribution ID: 5

Type: **not specified**

## **Panel Discussion - Moderated by Alex Sousa (Cincinnati)**

*Monday, 30 November 2020 09:20 (30 minutes)*

**Presenters:** BATELL, Brian (University of Pittsburgh); WORCESTER, Elizabeth (BNL); FERNANDEZ MARTINEZ, Enrique (IFT-UAM); Prof. KOERNER, Lisa (University of Houston); MOONEY, Michael (Colorado State University); MACHADO, Pedro (Fermilab); FOREMAN, William (Illinois Institute of Technology)

Contribution ID: 6

Type: **not specified**

## **SNB and DSNB Physics**

*Monday, 30 November 2020 10:00 (30 minutes)*

**Presenter:** O'CONNOR, Evan (Stockholm University)

Contribution ID: 7

Type: **not specified**

## **SNB and Oscillations**

*Monday, 30 November 2020 10:30 (20 minutes)*

**Presenters:** TAMBORRA, Irene (Niels Bohr Institute); TAMBORRA, Irene (GRAPPA Institute, University of Amsterdam)



Contribution ID: 8

Type: **not specified**

## Solar Neutrinos

*Monday, 30 November 2020 10:50 (30 minutes)*

**Presenters:** BEACOM, John (Ohio State University); BEACOM, John (Ohio State University)

Contribution ID: 9

Type: **not specified**

## **Panel Discussion - Moderated by Alex Friedland (SLAC)**

*Monday, 30 November 2020 11:20 (40 minutes)*

**Presenters:** MESSER, Bronson (Oak Ridge National Laboratory); LUNARDINI, Cecilia (Arizona State University); GRANT, Christopher (Boston University); OREBI GANN, Gabriel (University of California at Berkeley/LBNL); JANKA, Thomas (Max Planck, Garching)

Contribution ID: **10**

Type: **not specified**

## **simulation of particle propagation in LAr**

*Tuesday, 1 December 2020 08:00 (30 minutes)*

**Presenters:** SALA, Paola; SALA, Paola (INFN Milano and CERN)

Contribution ID: 11

Type: **not specified**

## **measurements for improving particle propagation modeling**

*Tuesday, 1 December 2020 08:30 (25 minutes)*

**Presenters:** SVOBODA, Robert; SVOBODA, Robert (UC Davis)

Contribution ID: 12

Type: **not specified**

## **Charge and Light production modeling at low energy**

*Tuesday, 1 December 2020 08:55 (25 minutes)*

**Presenters:** Prof. SZYDAGIS, Matthew (UAlbany SUNY); SZYDAGIS, Matthew (UC Davis)

Contribution ID: 13

Type: **not specified**

## **Panel Discussion - moderated by David Caratelli [FNAL]**

*Tuesday, 1 December 2020 09:20 (30 minutes)*

Elena Gramellini, Jingbo Wang, Flavio Cavanna, Hans Wenzel

**Presenters:** GRAMELLINI, Elena; GRAMELLINI, Elena (Yale University); CAVANNA, Flavio (Fermilab); WENZEL, Hans-Joachim (Fermilab); WANG, Jingbo (South Dakota School of Mines & Technology)

Contribution ID: 14

Type: **not specified**

## **low-energy cross-section theory**

*Tuesday, 1 December 2020 10:00 (25 minutes)*

**Presenter:** HAYES-STERBENZ, Anna (LANL)

Contribution ID: 15

Type: **not specified**

## **low-energy cross-section generators**

*Tuesday, 1 December 2020 10:25 (25 minutes)*

**Presenter:** GARDINER, Steven (Fermilab)



Contribution ID: **16**

Type: **not specified**

## **GENIE low-energy / final-state modeling**

*Tuesday, 1 December 2020 10:50 (40 minutes)*

**Presenters:** DYTMAN, Steven; DYTMAN, Steven (Univ. of Pittsburgh)

Contribution ID: 17

Type: **not specified**

## **Panel Discussion - Moderated by Steven Gardiner [FNAL]**

*Tuesday, 1 December 2020 11:30 (30 minutes)*

**Presenters:** HOROWITZ, Charles (Indiana University); NEWBY, Jason (Oak Ridge National Laboratory); MOSEL, Ulrich (University of Giessen); PANDEY, Vishvas (Ghent University, Belgium)