

# **SNEWS Meeting @ Neutrino2020**

**Friday, June 19, 2020 - Saturday, June 20, 2020**

**Zoom**

## **Scientific Program**

Preliminary strawman schedule, to be adjusted as needed

## **Signal Prediction - Modeling**

What's going on in the supernova to make the neutrinos we will see?

Convenors: Evan O'Connor, Jim Kneller

## **Signal Prediction - Pre-supernova**

What would neutrinos cooling the core of a pre-SN star look like?

Convenors: Cecilia Lunardini, Andrey Sheshukov

## **Signal Prediction - Detector Response**

Given a neutrino flux, how to get that modeled in the detectors participating in SNEWS?

Convenors: Segev BenZvi

## **Alert Formation - Implementation**

The communications between experiments and SNEWS, and how SNEWS itself is built do to the job.

Convenor: Alec Habig

## **Alert Formation - Triangulation and Pointing**

What can SNEWS do to point back on the sky to the source of the neutrinos?

Convenors: Kate Scholberg, Jeff Tseng

## **Alert Formation - Fire Drills**

How can we practice doing all this stuff?

Convenor: Erin O'Sullivan

## **Follow-up: Multi- Messenger Follow-Up**

Coordinating the SN followup with things other than neutrinos

Convenor: Danny Milisavljevic

## **Follow-up: Outreach & Communication**

Making sure the wider community knows what we're up to.  
Convenor: Justin Vasel

## **Governance**

Logistics of operating SNEWS