

# SNEWS 2.0 Workshop



## Supernova Neutrinos in the Multi-Messenger Era

14-17 June, 2019 Laurentian University, Sudbury, Canada

Dear Colleagues,

We are pleased to draw your attention to the SNEWS 2.0 Workshop to be held at Laurentian University this June. We are building an exciting program, aimed at mapping out a path for the evolution of the SuperNova Early Warning System, SNEWS, in the era of routine multi-messenger astronomy. The goal is to maximize the discovery opportunities presented by supernova neutrinos and to become well integrated with the broader multi-messenger frameworks. We hope that you may be able to join us in Sudbury this summer!

**Workshop registration is now open, as is our Indico site to accept your abstract submissions.**  
Please visit <https://snews2.0.snolab.ca/>

Email: [snews2.0-info@snolab.ca](mailto:snews2.0-info@snolab.ca)

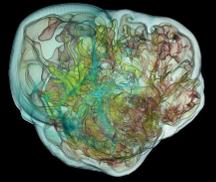
### Topics to be covered:

- Supernova neutrino detection capabilities of existing and future experiments
- Multi-messenger signals from core-collapse supernovae and other transients also observable in neutrino detectors
- Existing astronomical alert networks
- Updated alert dissemination; information to be shared, mechanisms for information sharing
- Pointing with neutrinos: methods and strategies
- Pre-supernova alert sensitivities and strategies

The Workshop will have morning and afternoon sessions with a mix of invited review talks, expert discussion panels, and contributed talks. We plan two poster sessions, a Workshop dinner, and the possibility for many attendees to make an underground visit to SNOLAB on either June 14<sup>th</sup> or 17<sup>th</sup>. Further details can be found on the conference website.

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# SNEWS 2.0 Workshop



## Abstract submission for contributed talks and posters:

We are accepting abstract submissions currently and up to April 15<sup>th</sup>. Submitted abstracts should be aligned with the workshop topics. Authors will be informed in the first week of May.

## Registration:

Early registration is open currently and up to May 10<sup>th</sup>. The early registration fee is 150 CAD. The late registration fee will be 250 CAD.

The registration fee covers: transportation from the Workshop hotel to Laurentian campus, coffee breaks, lunch during the workshop, and evening meals Friday to Sunday. Expenses related to the underground SNOLAB tours are sponsored by SNOLAB.

## Accommodation:

A block of rooms is reserved at a conveniently located hotel as well as in university residences on campus. Free parking is included at both locations but bus transportation will be provided from the workshop hotel to and from campus, and from the workshop hotel and campus residence to and from SNOLAB on the underground tour days. (Rental vehicles are not required)

Further details are available on the conference website.

## Travel to Sudbury:

The Sudbury airport (YSB) is served by both Air Canada and Porter Airlines, and airport shuttles can be arranged to transfer you to the accommodations. Further details are available on the conference website.

## Payment deadline:

As soon as online payments can be accepted, payment links will be emailed to registered attendees and the website information will be updated.

## Student Financial Support:

We are very pleased to be able to offer some financial support and/or conference fee waivers to students presenting posters or contributed talks. Application is required. Please submit your application to [snews2.0-info@snolab.ca](mailto:snews2.0-info@snolab.ca) once you have registered and submitted your abstract.

## Adjacent meeting:

On Thursday June 13<sup>th</sup>, a HALO-1kT collaboration meeting will also be held at Laurentian University. For further details please contact Clarence Virtue ([cjv@snolab.ca](mailto:cjv@snolab.ca)).

Sincerely,  
The SNEWS 2.0 SAC and LOC

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