



Conference on Neutrino and Nuclear Physics 2020 (CNNP2020)

Second Announcement and Call for Abstracts

The International Conference on Neutrino and Nuclear Physics 2020 (CNNP2020) is the second in the CNNP series and will be held from **24-28 February 2020** in South Africa, hosted by iThemba LABS. This conference again aims to bring these two communities together in order to exchange ideas and results and build on the very successful inaugural CNNP conference held in Catania, Italy, in October 2017.

We are pleased to announce that the call for abstracts for CNNP2020 is open as of 9 August 2019.

The main topics of the CNNP2020 conference are:

- Nuclear double beta decays
- Nuclear structure in connection with neutrino physics
- Nuclear reactions as a probe for weak decays
- Neutrino-nucleus interaction at low and high energy
- Supernova models and detection of supernova neutrinos
- Solar models and detection of solar neutrinos
- Direct and indirect dark-matter searches
- Rare beta decays of nuclei for neutrino-mass measurements
- Neutrino oscillations and matter effects
- Anomalies in reactor neutrinos
- New related detection technologies

For more information, including the list of confirmed invited speakers, please visit <https://indico.tlabs.ac.za/event/85/> or contact us at cnnp2020@tlabs.ac.za.

The conference will be held in the Kogelberg Biosphere, internationally famed for its natural beauty and biodiversity. This area is centered an hour's drive from Cape Town. We are looking forward to welcoming you in this beautiful setting for a fruitful and successful conference.

To submit your abstract, please go to <https://indico.tlabs.ac.za/event/85/abstracts/>.

Local Organizing Committee, CNNP2020



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