



Conference on Neutrino and Nuclear Physics 2020 (CNCP2020)

First Announcement

The International Conference on Neutrino and Nuclear Physics 2020 (CNCP2020) will be held in Cape Town (South Africa) from 24-28 February 2020 and will be hosted by iThemba LABS.

CNCP2020 will be the second conference in a series that started with the very successful inaugural CNCP conference held in Catania, Italy, in October 2017. The conference aims to build upon the foundation of CNCP2017 to bring together people working at the intersections of different fields to exchange ideas and results.

The main topics of the CNCP2020 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 please visit <https://indico.tlabs.ac.za/event/85/> or contact us at cncp2020@tlabs.ac.za.

Looking forward to meeting you in Cape Town.

Local Organizing Committee, CNCP2020:

Faiçal Azaiez (chair – iThemba LABS), Clementina Agodi (INFN-LNS), Andy Buffler (University of Cape Town), Francesco Cappuzzello (University of Catania/LNS-INFN), Lindsay Donaldson (iThemba LABS), Naomi Haasbroek (iThemba LABS), Retief Neveling (deputy-chair - iThemba LABS), Luna Pellegrini (iThemba LABS/University of the Witwatersrand), Elias Sideras-Haddad (University of the Witwatersrand), Ricky Smit (iThemba LABS), Michelle Van Der Ventel-Bark (iThemba LABS), Mathis Wiedeking (iThemba LABS)



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