

Determination of the absolute electron (anti)-neutrino mass

Trento, February 10-14, 2020

Main Topics

Theory and phenomenology of neutrino masses - Neutrino mass in physics beyond the standard model and cosmology - Challenges in H-3 based experiments - Challenges in Ho-163 based experiments - Prospects of cosmic neutrino background detection - Direct searches for sterile neutrinos at the eV and keV scale

Keynote speakers

A. **Barth** (KIP, University of Heidelberg, Germany), C. **Benso** (MPIK Heidelberg, Germany), M. **Blasone** (Università di Salerno, Italy), M. **Borghesi** (Università Milano Bicocca, Italy), W. **Chung** (Princeton University, USA), C. **Claessens** (University of Mainz, Germany), G. **Drexlin** (KIT, Karlsruhe, Germany), C. **Düllmann** (University of Mainz, Germany), J. **Formaggio** (MIT, Cambridge, USA), G. **Gallucci** (INFN Genova, Italy), C. **Giunti** (INFN Torino, Italy), M. **Haverkort** (ITP, Heidelberg University, Germany), J. **Jochum** (University of Tübingen, Germany), A. **Lindman** (University of Mainz, Germany), A. **Lokhov** (University of Münster, Germany), **Mantegazzini** (KIP, Heidelberg University, Germany), S. **Mertens** (MPP & TUM, Munich, Germany), A. **Nucciotti** (Università Milano Bicocca, Italy), A. **Palazzo** (INFN Bari, Italy), W. **Rodejohann** (MPIK Heidelberg, Germany), M. **Röllig** (KIT, Karlsruhe, Germany), A. **Saenz** (Humboldt University, Berlin, Germany), N. **Saviano** (INFN Napoli, Italy), M. **Schlösser** (KIT, Karlsruhe, Germany), D. **Siegmann** (MPP Munich, Germany), M. **Slezák** (MPP Munich, Germany), J. **Suhonen** (University of Jyväskylä, Finland), C. **Tully** (Princeton University, USA), F. **Vissani** (LNGS & GSSI, Italy), M. **Wegner** (KIP, Heidelberg University, Germany), K. **Wendt** (University of Mainz, Germany), M. **Yoshimura** (Okayama University, Japan)

Organizers

Loredana **Gastaldo** (Universität Heidelberg, Germany); Kathrin **Valerius** (Karlsruhe Institut für Technologie, Germany)

Director of the ECT*: Professor Jochen Wambach

The ECT* is part of the Fondazione Bruno Kessler. The Centre is funded by the Autonomous Province of Trento, funding agencies of EU Member and Associated states, and by INFN-TIFPA and has the support of the Department of Physics of the University of Trento.

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