

Session Program

19-23 May 2019

Low Radioactivity Techniques 2019

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Thursday 23 May

10:20

-: DEMETRA: Mitigation of the Radioactivity Effects in Quantum-Bits - Laura Cardani - INFN, Italy

Session | **Location:** Laboratorio Subterráneo de Canfranc (LSC), Spain

10:40

14:50

-: Coherent elastic neutrino nucleus scattering with the CONUS experiment - Janina Hakenmüller - Max Planck Institute for Physics, Germany

Session | **Location:** Laboratorio Subterráneo de Canfranc (LSC), Spain

15:10

15:10

-: Results of the background-free search for neutrinoless double beta decay with GERDA & challenges of the LEGEND experiment - Mario Schwarz - TU Munich, Germany

Session | **Location:** Laboratorio Subterráneo de Canfranc (LSC), Spain

15:30

15:30

-: LEGEND: Next-Generation Neutrinoless Double-Beta Decay Search in Germanium-76 - Matthew Green - Oak Ridge, USA

Session | **Location:** Laboratorio Subterráneo de Canfranc (LSC), Spain

15:50

15:50

-: Measurements of radioactive backgrounds in high-resistivity silicon CCDs of the DAMIC-100 experiment - Ariel Matalon - Kavli Institute for Cosmological Physics at the University of Chicago, USA

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16:10

16:10

-: Cryogenic Detectors with Superconducting Thermometers for Light Dark Matter Direct Search - Valentyna Mokina - HEPHY, Austria

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16:30