

CELLAR Community Meeting 2022

Monday, November 28, 2022

Science session: Overview talks - Building 114, Room 201/202 (2:20 PM - 4:00 PM)

-Conveners: Chair: Iolanda Osvath

time	[id] title	presenter
2:20 PM	M109] The Reiche Zeche underground laboratory in Freiberg, Saxony	MISCHO, Helmut
2:45 PM	M110] The science of neutrinoless double beta decay - present and future	ZUBER, Kai
3:10 PM	M111] Nuclear astrophysics underground	BEMMERER, Daniel
3:35 PM	M112] The German center for astrophysics (Deutsches Zentrum für Astrophysik)	HEURS, Michèle

Science session: Science talks (1) - Building 114, Room 201/202 (4:20 PM - 6:00 PM)

-Conveners: Chair: Mikael Hult

time	[id] title	presenter
4:40 PM	M113] 40 years Felsenkeller underground laboratory	KÖHLER, Matthias
5:00 PM	M114] STELLA @ LNGS: status and update	LAUBENSTEIN, Matthias
5:20 PM	M115] Callio Lab - center for science and R&D	PUPUTTI, Julia
5:40 PM	M120] The Romanian Underground Laboratory from the Unirea Salt Mine	GHERGHEL-LASCU, Alexandru

Tuesday, November 29, 2022

Science session: Science talks (2) - Building 114, Room 201/202 (9:00 AM - 10:40 AM)

-Conveners: Pieter van Beek

time	[id] title	presenter
9:00 AM	[M119] Status of the underground laboratory HADES	HULT, Mikael
9:20 AM	[M121] IAEA's underground laboratory in Monaco: upgrades and projects	OSVATH, Iolanda
9:40 AM	[M131] Overview of Modane underground laboratory	WAROT, Guillaume
10:00 AM	[M116] An Overview of Boulby Underground Laboratory, and the Radon Emanation Facility	BANKS, Edward
10:20 AM	[M113] Seismological Observatory Berggießhübel/Saxony and its underground lab	HELLWIG, Olaf

Science session: Felsenkeller talks - Building 114, Room 201/202 (12:10 PM - 1:10 PM)

-Conveners: Chair: Konrad Schmidt

time	[id] title	presenter
12:10 PM	[M115] Simulation of background sources in the GeMPI detectors and proposal of a new shield design for future GeMPI-like detectors	ACKERMANN, Nicola
12:30 PM	[M112] Recent activities in the underground laboratory Felsenkeller	DEGERING, Detlev
12:50 PM	[M114] A new ultra low-level HPGe activity counting setup in the Felsenkeller shallow-underground laboratory	TURKAT, Steffen

Science session: Poster session - Building 114, upper level, hallway (2:00 PM - 3:00 PM)

time	[id] title	presenter
2:00 PM	[M140] POSTER: Felsenkeller Neutron Background	HENSEL, Thomas
2:00 PM	[M133] POSTER: COBRA: Low background measurements with CdZnTe detectors	VOLKMER, Juliane
2:00 PM	[M134] POSTER: Low background X-ray setup	SEIBT, Christoph
2:00 PM	[M138] POSTER: Pulse shape analysis with quad coplanar grid CdZnTe detectors of the COBRA experiment	CHU, Yingjie
2:00 PM	[M139] POSTER: Investigation of neutron-induced gamma rays from Ge-nuclides in the region of interest of GERDA/LEGEND	PICHOTTA, Marie

Wednesday, November 30, 2022

Science session: Science talks (3) - Building 114, Room 201/202 (9:00 AM - 10:40 AM)

-Conveners: Detlev Degering

time	[id] title	presenter
9:00 AM	A130] Use of radionuclides as tracers to study processes in the ocean	VAN BEEK, Pieter
9:20 AM	A132] PTB Metrological Infrastructure for the Environmental Dose Assessment	STOLZENBERG, Ulf
9:40 AM	A117] The GeMSE Gamma Spectroscopy Facility for Meteorite and Material Screening	LINDEMANN, Sebastian
10:00 AM	A136] Neutron Spectrometry at the Canfranc Underground Laboratory	GRIEGER, Marcel
10:20 AM	A137] Concluding remarks	SCHMIDT, Konrad