

Underground Facilities and Infrastructure Frontier



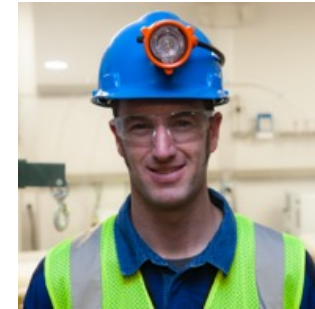
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Topical Group		Topical Group co-Conveners and Liaisons		
		Co-conveners		Liaisons
UF01	Underground Facilities for Neutrinos	<u>Accelerator Neutrinos</u> Tim Bolton	<u>Ovββ</u> Patrick Decowski Danielle Speller	<u>Neutrinos</u> Albert de Roeck <u>Astronomical v</u> Gabriel Orebi Gann
UF02	Underground Facilities for Cosmic Frontier	<u>LXe DM</u> Kaixuan Ni	<u>LAr DM</u> Emilija Pantic	<u>Particle DM</u> Hugh Lippincott Jodi Cooley
UF03	Underground Detectors	<u>Gravity Waves</u> Laura Cadonati		<u>Instrumentation Frontier</u> Maurice Garcia-Sciveres
UF04	Supporting Capabilities	<u>Radon</u> Richard Schnee	<u>Cleanliness</u> Alvine Kamaha	<u>Low Background Assay</u> Brianna Mount
UF05	Synergistic Research	<u>Nuclear Astrophysics</u> Daniel Robertson	<u>Geo-microbiology</u> TBD	<u>Geo-engineering</u> TBD
UF06	An Integrated Strategy for Underground Facilities and Infrastructure	Laura Baudis Kevin Lesko	Jeter Hall John Orrell	

Focus of Underground Facilities Group

- Understand current and planned underground facilities, underground space, and supporting capabilities
- Develop requirements and wishes for the future experiments and in particular new frontiers (e.g. QIS)
- Develop synergistic relationships among experiments (shared space, parallel use, partnerships, shared technology)
- Understand underground space requirements in closely related fields (nuclear astrophysics, $0\nu\beta\beta$, ...)
- Create a vision for underground facilities in the coming decades