

Workshop on Deep Underground Laboratory Integrating Activity in biology (DULIA-bio) Canfranc, Spain October 13-14 (2015)

Advisory Committee

Ino Agraftoti (IN2P3)
Alessandro Bettini (Padova U.)
Charles Cockle (Edinburgh U.)
Alba Formicola (LNGS)
Carlos P. Garay (IFIC)
Aldo Ianni (LSC)
Kenji Kato (Shizuoka U.)
Tom Kieft (New Mexico Tech)
Tullis Onstott (Princeton U.)
Sean Paling (BUL)
Fabrice Piquemal (LSM)
Stefano Ragazzi (LNGS)



Program

Astrobiology
Extremophile Biotechnology
Life in Deep Biosphere
Life in Low Radio Environment

Workshop webpage

<http://www.lsc-canfranc.es>

Sponsored by:



DULIAbio 2015

- Proposed within the DULIA (Deep Underground Laboratory Integrated Activity)
- Held in Canfranc on Oct. 13-14, 2015 (<https://indico.cern.ch/event/436589>)
- 34 participants on site plus remote connections from SNOlab and Laurentian University

Contributions

- *Probing the Deep Biosphere: Mines Are Useful But Dedicated Underground Laboratories Will Be Even Better.* T. Kieft
- *Examining the biological effects of ultra-low background radiation exposure within SNOLAB.* C. Thome
- *Unveiling the microbial dark matter through single cell genomics.* M. Martinez
- *Flies in a Mine: the metabolomics of working deep underground.* T. Merritt
- *The Gollum Project: Characterising subterranean bacterial communities in depth(s).* C. Vilanova
- *Below Background Radiation Experiments on Biological Cells at the U.S. Waste Isolation Pilot Plant (WIPP).* H. Castillo

Contributions

- *Microbes at extreme environments and the Spanish Network on Extremophiles.* JM Gonzalez
- *Geomicrobiology of the Iberian Pyrite Belt Subsurface.* R. Amils
- *Petri-dishing the Dirt: An Overview of Astrobiology Projects at Boulby.* J. Wadsworth
- *Some Lessons Tought by Searching for Life in the Universe.* J. Perez-Mercader
- *Deep science at the UK's Boulby Underground Laboratory.* S. Pauling
- *The underground biology at the Gran Sasso National Laboratory: from Pulex to Cosmic Silence.* A. Tabocchini

