

Korea-Italy Bi-lateral Symposium

Current developments in underground physics

- ◆ Time: October 1, 2018 (9:00 - 17:00)
- ◆ Location: Theory bulid. B109, Institute for Basic Science, Korea

Program

- 8:45 – 9:00: Registration
- 9:00 – 9:10: Opening speeches
- 9:10 – 9:45: **Alba Formicola (LNGS, Italy)**
“Laboratori Nazionali del Gran Sasso (LNGS): an overview of facilities and activities”
- 9:45 – 10:30: **Yong-Hamb Kim (IBS CUP, Korea)**
“Center for Underground Physics (CUP) introduction
and AMoRE neutrinoless double beta decay experiment”
Coffee break
- 10:45 – 11:25: **Riccardo Brugnera (INFN Padova, Italy)**
“Searching for the neutrinoless double beta decay at LNGS”
- 11:25 – 12:05: **Marco Selvi (INFN Bologna, Italy)**
“The XENON project @INFN-LNGS:
new results from XENON1T and prospects with XENONnT”
- Lunch, CUP lab tour
- 13:25 – 14:05: **Walter Bonivento (INFN Cagliari, Italy)** “Darkside experiment”
- 14:05 – 14:45: **Hyunsu Lee (IBS CUP, Korea)** “Status of COSINE-100 experiment”
- 14:45 – 15:25: **Claudio Gatti (Laboratori Nazionali di Frascati, Italy)**
“Search for Axion and Axion-like particles in Italy”
Coffee break
- 15:40 – 16:20: **Yannis Semertzidis (IBS CAPP, Korea)**
“Collaboration opportunities between Korea and Italy at IBS/CAPP”
- 16:20 – 16:55: **Kangsoon Park (IBS CUP, Korea)**
“The Construction of New Deep Underground Facility in Jeongseon, Korea”
- 16:55 – 17:00: Closing remark (Italian Embassy)

Symposium organizers

- Francesco Canganella (Embassy of Italy in Korea)
- MooHyun Lee (IBS CUP, Korea)
- ◆ Further information: <https://indico.ibs.re.kr/event/259/>



주한이탈리아대사관
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