

**ACUUS 2021 ONLINE CONFERENCE – 3 FEBRUARY 2021 [11:30 – 12:30 CET, 10:30 - 11:30 UTC]**

## **ITACUS SESSION**

### **‘PLANNING FOR SUSTAINABLE UNDERGROUND SPACES’**

#### **PROGRAM**

##### **Introduction [5 min]**

The ITACUS co-chairs **Han Admiraal** (Enprodes Management Consultancy) and **Antonia Cornaro** (Amberg Engineering) will shortly introduce ITACUS and the work with its global partners.

##### **The Underground Space Planning Conversation [30 min]**

A thought-provoking conversation moderated by Han and Antonia between

- **Dr. Marilu Melo** (University of NSW and ITACUS lead on Urban Integration),
- **Dr. Loretta von der Tann** (NGI – Norwegian Geotechnical Institute) and
- **Shana Debrock** (Flanders Government, Department of Environment and Spatial Planning and University of Antwerp PhD candidate)

The three expert ITACUS collaborators will discuss the **reasons and merits of underground space planning**. They will debate whether *‘underground space planning is about geology, urban planning, or something totally different’*? Loretta will introduce the geotechnical point of view in relation to the ‘Under Oslo’ project. Shana will follow with the spatial perspective of the planning department of the Flanders Government. Marilu will highlight the point of view of a human geographer. The dialogue will investigate viable approaches, methodologies and tools that are needed. Audience interaction is foreseen through polls and questions to the panel.

##### **Underground Space Sustainability [10 min]**

We will then move on to **Dr. Chrysothemis Paraskevopoulou** who will give a presentation on how **sustainable development** and underground space development influence each other based on actual project examples. Chrysothemis is lecturer at the University of Leeds and ITACUS lead on urban sustainability.

**Involving Young Professionals to define methodologies** [10 min]

**Petr Salak** (Dr. Sauer & Partners and ITACUS co-lead for the **Young Professionals Think Deep Program**) together with **Rosanne Verloop** (Amberg Engineering and ITACUS co-lead for the Young Professionals Think Deep Program) will introduce the YPTDP program which aims at involving young professionals in real live cases of underground space planning and aims at identifying successful methodologies and planning practices.

**Wrap-up** [5 min]

The ITACUS co-chairs will wrap-up the session by identifying key takeaways.

**Info on ITACUS**

<https://about.ita-aites.org/wg-committees/itacus>

<https://www.linkedin.com/groups/1850883>