

# ITACUS

## ITACUS OPEN SESSION @ WTC 2018 – DUBAI, UAE

### We Think Underground Space

Tuesday March 24th, 14:00-17:00

The co-chairs Antonia Cornaro and Han Admiraal of the ITA Committee on Underground Space (ITACUS) will host this special session focusing on urban underground space in line with the congress' main theme: How can underground spaces enable cities to develop sustainably and become resilient? In this session we will look at pressing issues revolving around urban development and discuss how underground space can contribute. We will look at new technologies, research and methodologies that could lead to new solutions. As always, we will challenge contemporary thinking and try to move towards new paradigms for the future. You will hear about the work ITACUS is doing and how you can contribute in your country to help cities shift towards an urban underground future. Join us for what promises to be another unique ITACUS Open Session, with a bunch of thought-provoking guest speakers and young members.

## ITACUS OPEN SESSION @ WTC 2018 – DUBAI – TUESDAY 24 APRIL 2018, 14:00 – 17:00

### We think underground space

#### FINAL PROGRAM

Time	Item	Speaker
	Opening of session	
14:00 – 14:05	<ul style="list-style-type: none"><li>• Introduction of session chairs and co-chair Stuart Coventry</li><li>• Introduction of ITACUS and the session program</li><li>• Slide show book Underground Spaces Unveiled</li></ul>	Antonia Cornaro/Han Admiraal
	ITACUS I: Young Professional Think Deep Program (YPTDP)	
14:05 - 14:20	<ul style="list-style-type: none"><li>• video YPTDP</li><li>• report Petr Salak on Wroclaw and on WUF9</li><li>• report Rosanne Verloop on setting up YM NL</li><li>• interview with Petr Salak, Rosanne Verloop and Nicolas Ziv on YPTDP</li></ul>	Antonia Cornaro/Han Admiraal Petr Salak Rosanne Verloop Nicolas Ziv
14:20 - 14:40	Long-term vision and working program on tunnels in the Netherlands (Karin de Haas.)	Stuart Coventry (introduces speakers) Karin de Haas (speaker)
14:40 - 15:10	A VR model of hard rock wastewater tunnel	Antonia Cornaro (introduces

	excavation with a sustainable focus in Stockholm (Rebecca Karlsson) ITACUS II: National Actions Think Deep Programme (NATDP)	speaker) Rebecca Karlsson (speaker)
15:10 - 15:30	<ul style="list-style-type: none"> <li>NATDP video</li> <li>Interview with Abidemi Agwor, Nigerian Tunnelling Association and Petr Salak, Think Deep UK</li> </ul>	Antonia Cornaro/Han Admiraal Abidemi Agwor, Petr Salak
<b>15:20 - 15:40</b>	<b>COFFEE BREAK</b>	
15:40 - 16:00	ITACUS III: A return to Edouard Utudjian's work: a key for understanding future use of Paris underground space? (Prof. Youssef Diab & Manon Rodier)	Antonia Cornaro (introduces speakers) Prof. Youssef Diab & Manon Rodier
16:00 - 16:20	ITACUS IV: Doctoral thesis Lyon metro (speaker Nicolas Ziv)	Han Admiraal (introduces speaker) Nicolas Ziv (speaker)
16:20 - 16:40	Assessing Resilience Impacts from Integrated Above- and Below-ground Urban Infrastructure (Priscilla Nelson)	Stuart Coventry (introduces speaker) Priscilla Nelson (speaker)
16:40 - 17:00	ITACUS V: New SCAUT Initiative (Swiss Center of Applied Underground Technologies): panel discussion on urban food security and the role of underground space – (panellists to be announced)	Han Admiraal (introduces panellists)
17:00	Close of session	Antonia Cornaro/Han Admiraal

*Subject to change*