

President's address



ITACET Foundation went through many obstacles and challenges in the past years and despite all these difficulties, we didn't falter. Instead, we came out stronger. This stumbling block has taught us to think and act differently and that we need to be bold to thrive.

In today's world, there is a big need to resolve countless issues and I believe education is the key to all community problems.

Since the creation of the Foundation, we have organized more than 100 training sessions, gathering top professionals with more than 10,000 participants. I would like to personally thank to all the lecturers who presented on behalf of ITACET, because without their participation, this would not have been possible.

Currently, our challenge is to develop and increase teaching and professional training all over the world. Our goal is to reach the countries and young professionals where our training sessions have not yet been implemented at this time. We want everyone to benefit from these advantages and have access to the training sessions organized by ITACET Foundation.

Eng. A. Al-Mogbel

ITACET Foundation President

Training session reports

LUNCHTIME LECTURE SERIES - #10

Date: 14/12/2021
Location: Mechanized Tunnelling



LUNCHTIME LECTURE SERIES

This tenth instalment of the Lunchtime Lecture series focused on Mechanized Tunnelling and was organised in coordination with WG14. This episode featured the following lectures and finished with a Q&A with all speakers: Hard Rock Tunnelling - Introduction (Charles Hunt, Potomac River Tunnel - Design and...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #11

Date: 11/01/2022
Location: Fires in tunnels



LUNCHTIME LECTURE SERIES

This eleventh instalment of the Lunchtime Lecture series focused on Fires in tunnels - lessons learnt and structural design and was organised in coordination with ITACOSUF. This episode featured the following lectures and finished with a Q&A with all speakers: - Specificities of the fires in tunnels (Goetz Vollmann)...

[Read more...](#)

ADVANCES IN DESIGN AND CONSTRUCTION OF TUNNELS

Date: 01/02/2022 to 04/02/2022
Location: Pune, India



Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

This training session was held online and run over 4 half-day sessions.

Please click below to see the programme...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #12

Date: 08/02/2022
Location: Planning, Modelling and use of the subsurface



LUNCHTIME LECTURE SERIES

This twelfth instalment of the Lunchtime Lecture series focused on 'Planning, Modelling and use of the subsurface' and was organised in coordination with ITACUS. This episode featured three lectures and finished with a Q&A with all speakers: Planning the subsurface from a volumetric approach (Han Admiraal & Antonia Cornaro...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #13

Date: 08/03/2022

Location: Site Investigations in underground projects



LUNCHTIME LECTURE SERIES

This thirteenth instalment of the Lunchtime Lecture series was organised in coordination with ITA WG2 and focused on "Site Investigations in underground projects: background and case histories". This episode featured three lectures and finished with a Q&A with all speakers: Strategy for site investigation of tunnelling projects (ITA Report n.15)...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #14

Date: 02/04/2022

Location: Immersed and floating tunnels



LUNCHTIME LECTURE SERIES

This fourteenth instalment of the Lunchtime Lecture series was focus on 'Immersed and floating tunnels'. This episode featured three lectures and finished with a Q&A with all speakers: The immersed tunnel technique, it's applications and key design considerations – Jonathan Baber, Fehmarnbelt fixed link, the world's longest immersed tunnel...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #15

Date: 10/05/2022

Location: BIM



LUNCHTIME LECTURE SERIES

This fifteenth instalment of the Lunchtime Lecture series focused on 'BIM'. This episode featured three lectures and finished with a Q&A with all speakers: Dr Jurij Karlovsek (The University of Queensland) – Information modelling in Tunnelling, Mr Jure Cesnik (Elea iC) – Digitalization of Large Infrastructural Projects...

[Read more...](#)

LUNCHTIME LECTURE SERIES - #16

Date: 14/06/2022

Location: Robots & data processing



LUNCHTIME LECTURE SERIES

This sixteenth instalment of the Lunchtime Lecture series focused on 'Robots & data processing'. This episode featured three lecturs and finished with a Q&A with all speakers: Automation and Operator Assist Systems on Tunnelling Machines - Dietmar Isele Robotics in Modern Sprayed Concrete Tunnelling - Christof Ziegler...

[Read more...](#)

Thank you to all those lecturers who presented on behalf of ITACET

Online Lunchtime Lecture series - #10:
Ch. Hunt, M. Scialpi, B. Fulcher

Online Lunchtime Lecture series - #11:
G. Vollmann, B. Moreau

Online Training session – Advances design and construction tunnels, Pune, India
M. Deffayet, E. Chiriotti, P. Grasso, C. Paraskevopoulou, D. Jordan, K. Bappler, V E. Gall, E. Grov, N. Berthoz, M. Wongkaew, S. Eskesen, M. Macary, X. Monin, D. Lamont, K. Rabensteiner

Online Lunchtime Lecture series - #12:
H. Admiraal, A. Cornaro, M. Vanneste, Denys, M. Vollmer

Online Lunchtime Lecture series - #13:
E. Chiriotti, V. Nasri, R. Tlucezk

Online Lunchtime Lecture series - #14:
J. Baber, L. Vester , E. van Putten

Online Lunchtime Lecture series - #15:
J. Karlovsek, J. Cesnik , M. Rives

Online Lunchtime Lecture series - #16:
D. Isele, Ch. Ziegler, H. Kupfe

Forthcoming sessions



LUNCHTIME LECTURE SERIES - #17

Date: 12/07/2022

Location: Online

This seventeenth instalment of the Lunchtime Lecture series will focus on 'Build sustainable Precast Segment Lining with Fibre Reinforced Concrete'.

It will begin at 13:00 CET time. This episode will feature three lectures and will finish with a Q&A with all speakers.

Design Approach & Detail Principle: Veyra Nasri
Production aspect for Low carbon segment: John Day
Return of experience - Grand Paris: Jean Luc Bischoff

To see the draft programme, please visit : <https://www.itacet.org/session/lunchtime-lecture-series-17>

Other events in preparation

Don't miss the ITACET training course at the WTC in Copenhagen!

Over the years, the ITACET training session has become a traditional and highly appreciated prelude to the official opening of the World Tunnel Congress. This year's course will be held over two days on 2nd-3rd September and will focus on '**Sustainability in underground design and its practical implementations**'.

To see the detailed programme and register for this event, please visit our web site:

<https://www.itacet.org/session/sustainability-underground-design-practical-implementations>

A promotional banner for ITACET Training Courses. The background shows a group of people in a meeting room. Overlaid on the image is a white box containing the following text and logos: 'ITACET Foundation' logo, 'WTC2022' logo with '2-8 SEPTEMBER 2022 Copenhagen' below it, the main text 'ITACET Training Courses Register Now!' in large green and black font, the dates 'September 2-3, 2022', the location 'Copenhagen, Denmark', and logos for 'ITA AITES' and 'DFTU'.

MEXICO - Conventional and mechanized tunnelling in soil and rock

On-line training course co-organised with AMITOS - Mexican Association of tunnel and underground space engineers will be held on 26th, 28th and 30th September.

The objective of this training session is to present the construction methods and their fields of application in soil and rock tunnelling. The main criteria to select a method will be presented and illustrated through cases studies. The course will highlight the recent improvements leading to an expansion of these fields of application.

To see the detailed programme and register for this event, please visit our web site:

<https://www.itacet.org/session/conventional-and-mechanized-tunnelling-soil-and-rock-0>

Scholarships

ITACET Foundation gave sponsorship to students accepted into ITA-endorsed Postgraduate Master Courses last year. We are glad to receive very pleasant feedback from their side. We wish you success in your future endeavors!



"I am currently doing my specialized master's internship at Eiffage Génie Civil, and would like to express my gratitude to the foundation for its support by granting me a scholarship. Indeed, since I have been passionate about underground structures and, in particular, tunnels due to their complexity and the challenges linked to their construction, I saw the need after my training as a geotechnical engineer to specialize in this sector. This is how I was admitted to the master's degree specializing in tunnels and underground structures at INSA Lyon. This master's degree allowed me to gain extensive knowledge in the underground world: from the design phases, not to mention the program definition phases of the works, to the operation and even refurbishment, with experienced professionals from various companies for 5 months in Lyon.

Once the theoretical training was over, I started my professional thesis internship at BIEP-EIFFAGE on feedback on the rate of deconfinement used in tunnel design with 2D finite elements, on the L16-lot 1 and L14-Nord tunnels. I was offered a permanent position after my internship, and I will work on the TELT Lyon-Turin project. Finally, I would like to thank the foundation once more for allowing me to follow my passion."

Adama Fofana from Ivory Coast

"I am very honoured and grateful to receive the foundation's scholarship to study for my master's course at AETOS in Spain. This course has provided me with an in-depth knowledge of underground construction and tunnels.

In developing countries, where the scope of underground construction is huge and inevitable, innovative and highly advanced technology must be used to ensure the safety and purpose of the construction. I am thankful to the Foundation for being very keen in providing the necessary support as sponsorship and networking opportunities.

I am glad to be part of this progressive course, which gives me a scope for continuous learning and application of knowledge and skills that can be aligned to the latest trends in tunnelling and underground space."

Abdul Rehman from India



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