



Foundation for Education and Training on
Tunnelling and Underground Space Use

Newsletter #38

July 2024

EDITORIAL

Dr Martin Herrenknecht

ITACET Foundation Vice-President



Dear ITACET Members,

As an advocate of continuous learning and professional development in the tunnelling industry, I am honoured to contribute to this issue of the ITACET Newsletter. Reflecting on the history, aims, and mission of the ITACET Foundation, it is clear that education and training are fundamental to the future of tunnelling. ITACET's mission is clear: enhance knowledge, stimulate innovation, and ensure the highest standards of safety and efficiency in tunnelling projects worldwide. This mission resonates deeply with us at Herrenknecht. We are convinced that safety and progress in tunnelling are closely linked to the education and training of skilled personnel. That is why we regularly train our employees and customer personnel and are constantly developing new training programs. The complex challenges we face in tunnelling – from geotechnical uncertainties to environmental considerations and advanced technology – require a workforce that is not only skilled but also innovative. By providing a platform for experts to share their knowledge and experience, ITACET facilitates cutting-edge research and best practices. Formats such as the Lunchtime Lectures – which we have already attended and spoken at several times – are an extremely important initiative for young professionals within our industry. This exchange of ideas is crucial, as it ensures that professionals are equipped with latest insights and techniques necessary to tackle the dynamic challenges of our industry. Moreover, the Foundation's commitment to training fresh talent allows us to continue to push the boundaries of what is possible in tunnelling. I can only recommend that you use this opportunity and take advantage of what ITACET has to offer. Think positive, together we create our future.

IN MEMORIAM OLIVIER VION (1962 - 2024)



It is with profound sadness that we announce the passing of a dear friend and colleague, Olivier Vion. Olivier passed away on Saturday, 20 July 2024 surrounded by his family and loved ones. Olivier was the Executive Director of the International Tunnelling and Underground Space Association (ITA) from 2009 to 2023 and a valuable and respected member of the ITA family. Olivier was the public face of the ITA and played a vital role in the tunnelling industry. He was dedicated to his work and well-loved by us all. Although we are saddened by his loss, we are very proud to have been part of his life and believe that his work will live on. On behalf of the ITACET Foundation, we extend our deepest condolences and sympathy to his family in their time of grief. We hope that you will soon find comfort in this time of sorrow.

R.I.P Olivier

Sincerely
ITACET Foundation

Training session reports



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #29

Date: 10/10/2023

This instalment of the Lunchtime Lecture series focused on 'TBM driving main parameters'...

[Read more...](#)



RISK MANAGEMENT IN TUNNELLING

Date: 11/10/2023

The ITACET Foundation and the Argentinian Association of Tunnels and Underground Space organized ...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #30

Date: 14/11/2023

This instalment of the Lunchtime lecture series focused on 'Conventional tunnelling in highly ...

[Read more...](#)



MAIN ASPECTS OF MANAGING ...

Date: 15/11/2023

The ITACET Foundation and the Nigerian Tunnelling Association (NTA) organized...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #31

Date: 12/03/2024

This instalment of the Lunchtime lecture series focused on 'Conventional tunnelling in an urban...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #32

Date: 09/01/2024

This instalment of the Lunchtime lecture series focused on 'Latest innovations in immersed...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #33

Date: 13/02/2024

This instalment of the Lunchtime lecture series focused on 'Sprayed concrete use'!...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES#34

Date: 09/04/2024

This instalment of the Lunchtime lecture series focused on 'New developments in BIM.' ...

[Read more...](#)



EFFICIENT & MODERN TUNNELLING

Date: 19/04/2024 to 20/04/2024

The aim of the training session was to provide the participants with knowledge of project management ...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #35

Date: 14/05/2024

This instalment of the Lunchtime lecture series focused on 'Logistics in long and deep tunnels'...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #36

Date: 11/06/2024

This instalment of the Lunchtime lecture series focused on 'Low carbon tunnelling'...

[Read more...](#)



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #37

Date: 09/07/2024

This instalment of the Lunchtime lecture series focused on 'Health & Safety lessons from recent projects..

[Read more...](#)

Forthcoming sessions



LUNCHTIME LECTURE SERIES

LUNCHTIME LECTURE SERIES #38

Date: 10/09/2024

This instalment of the Lunchtime lecture series will focus on 'Tunnelling with EPB: Environmental aspects and re-use opportunities ...

[Read more...](#)



AMITOS

SPRAYED CONCRETE - PRINCIPLES, DESIGN ...

Date: 01/10/2024 to 03/10/2024

The objective of this training session is to present a global overview of the development and use of sprayed concrete use in soil and rock ...

[Read more...](#)



ITACET TRAINING SESSION AT WTC 2025

Date: 09/05/2025 to 10/05/2025

The 2025 WTC training course will focus on Managing risks, sustainability and innovation in rock tunnelling ...

[Read more...](#)

Other events in preparation



Brazil, Itajai, with the collaboration of the World Bank

This three-day onsite training course will focus on 'Fundamentals for the management of an immersed tunnel project'. The date is to be confirmed.

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Thanks to our sponsors & lecturers for their generous support



Online Luchtime Lecture series - #29

Charlotte KIESELE, Josh JONASEN, Christoph HENNINGS & Uwe STEINBOCK

Online Training Session – Risk management in tunnelling

Tarcisio CELESTINO, Elena CHIRIOTTI, Maud MACARY, Daniele PEILA and Carmine TODARO

Online Luchtime Lecture series - #30

Angelos GAKIS, Wolfgang DOLSAK, Manuel ENTFELLNER

Online Training Session – Main aspects of managing projects underground

Tarcisio CELESTINO, Elena CHIRIOTTI, Maud MACARY, Daniele PEILA and Carmine TODARO

Online Luchtime Lecture series - #31

Nasri MUNFAH, Vojtech GALL, James MORRISON

Online Luchtime Lecture series - #32

Marcel 't HART, Eddy CHEN, Xiujun YANG, Tommy OLSEN

Online Luchtime Lecture series - #33

Karl Gunnar HOLTER, Catherine LARIVE, Ross DIMMOCK

Online Luchtime Lecture series - #34

Florent ROBERT, Alessandro MENOZZI, Rito SANFILIPPO, Michel RIVES, Galina PASKALEVA

Onsite Training Session - Efficient & Modern Tunnelling

Eric LECA, Robert GALLER, Michael HALWACHS, Benoit de RIVAZ, Elena CHIRIOTTI, Matthias NEUENSCHWANDER, Yang JINJUN, Alexis de POMMEROL, Alvin SIM, Nasri MUNFAH, Vojtech GALL, Toni XIA, Pekka NIEMINEN, Mark GANSTER, Günther VOLKMANN, Brad GROTHEN, Zhang ZHIGUO, Karin BAPPLER, Wang XU, Qianbing ZHANG

Online Luchtime Lecture series - #35

Magali SCHIVRE, Wang JUNPENG, Antonio VOZA

Online Luchtime Lecture series - #36

Benoit JONES, Wolfgang ALDRIAN, Benoit de RIVAZ

Online Luchtime Lecture series - #37

Michael HALWACHS, Walter LANCIANO



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