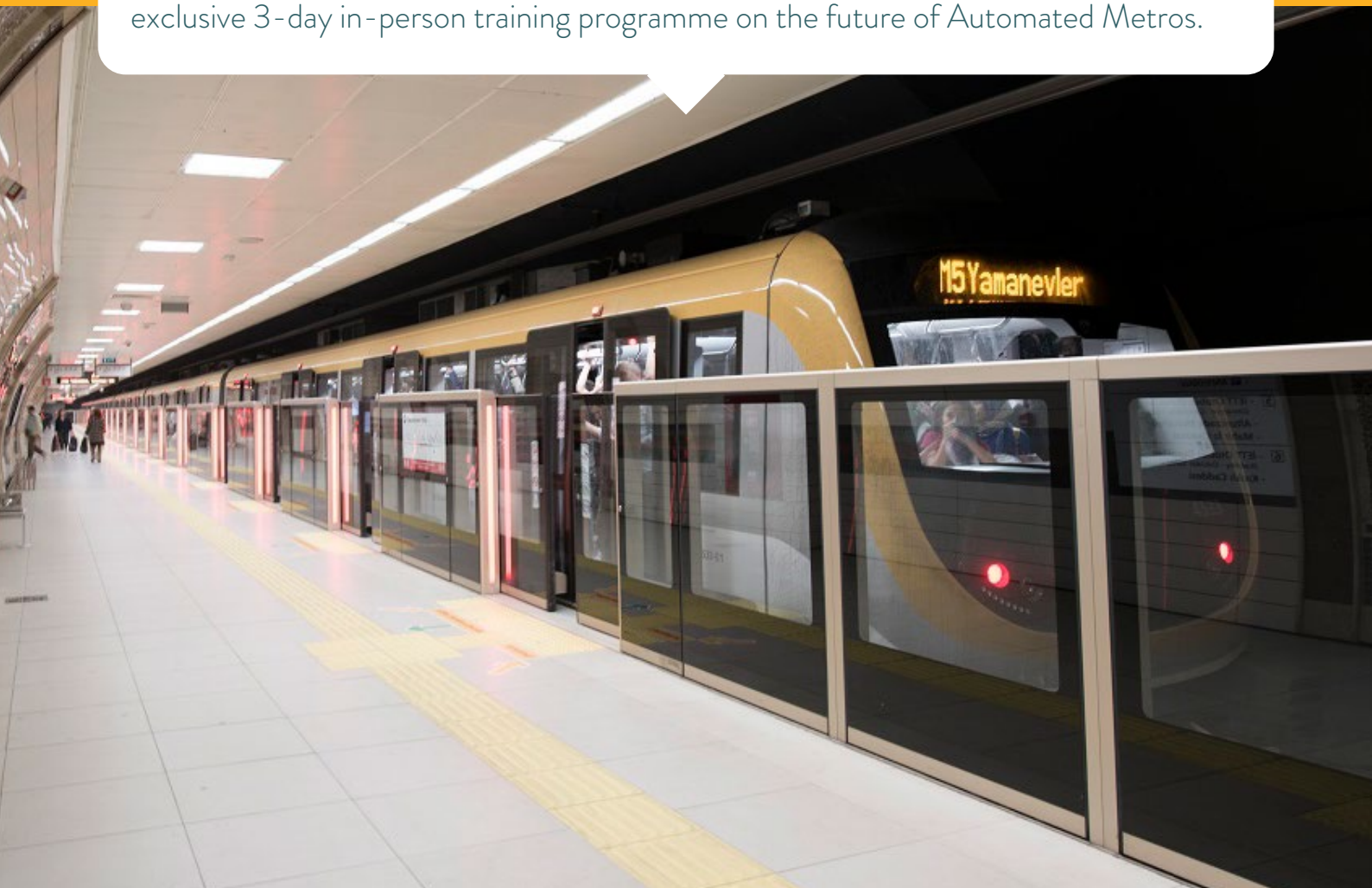


IN-PERSON TRAINING 

AUTOMATED METROS

11 > 13 DECEMBER 2023
ISTANBUL, TURKEY

Join UITP Academy in alongside local hosts and partners, Metro Istanbul for an exclusive 3-day in-person training programme on the future of Automated Metros.



[Register Here](#)

HERE'S WHAT YOU WILL LEARN

- Discover the latest trends and insights in automated metro systems.
- Uncover the lifecycle of automated metros including planning, construction, and operation.
- Gain perspectives from operators shaping automated metro lines.
- Master train control concepts and cutting-edge automation technologies.
- Explore converting conventional lines into automated marvels.
- Discover the perfect blend of technology and customer service.

WHO IS IT FOR?

- Professionals directly involved in metro automation projects and those keen to learn about global best practices.
- Public transport operators or authorities' staff who manage, construct or plan to build automated metro lines.
- Industry personnel involved in the design and manufacturing of automated metro infrastructure, vehicles, and technologies.
- Professionals seeking an introductory understanding of automated metros.
- Please note that a good level of English proficiency is mandatory to attend the training

A TOP LEVEL METHODOLOGY

- Be inspired by our expert trainers, understand the key concepts, and learn from successful best practices.
- Engage in interactive plenary sessions, including course leader introductions, trainer presentations, and open discussions with participants.
- Gain a global perspective on the subject, enriched by varied cultural approaches and viewpoints.
- Join workshops that let you apply the principles and tools you've learned to real-world cases.

TRAINERS

Our skillful trainers are composed of UITP lecturers and international experts



Atefeh MOGHADDAM
System Configuration
Workpackage Leader,
Siemens Mobility



Alessandro CALEGARI
Automatic Metro
Operations Manager,
Azienda Trasporti Milanese



Corentin WAUTERS
Head of Rail Unit,
UITP



Vefa ÖZBEY
Chief of Operations-Driverless
Metro, Metro Istanbul

For more information please contact Sunita Kelecom at sunita.kelecom@uitp.org



UITP Training Programmes and all related processes are certified for ISO29990: 2010 – the standard for learning services for non-formal education and training.

AGENDA - AUTOMATED METROS

Day 1 | Monday 11 December

- 09:00 Welcome & Introduction to the course
Expectation Analysis
- 09:30 **Session 1: Introduction** – What is metro automation?
- 11:00 *Break*
- 11:30 **Session 2:** Project Management for Automated Metro Lines from Designing to Running (Planning, Design, Tendering, Construction)
- 13:00 *Lunch*
- 14:00 **Session 3:** Basics on train control command concepts and automation technologies
- 15:30 *Break*
- 16:00 **Session 4: Case Study** – ISTANBUL
- 17:00 *End of Day 1*

Day 2 | Tuesday 12 December

- 09:00 **Session 5:** Operation and Maintenance of Automated Metros
- 11:00 *Break*
- 11:30 **Session 6: Case Study**
Upgrade of a conventional line into automated metro
- 13:00 *Lunch*
- 14:00 **Session 7:** The Human Factor & Customer Services
- 15:30 *Break*
- 16:00 **Session 8A: Case Study**
Building and Operating Automated Metros
- 17:00 **Session 8B** - Cybersecurity for Automated Metros
- 17:30 *End of day 2*

Day 3 | Wednesday 13 December

- 09:00 Workshop and discussions
- 11:30 Wrap-Up, Evaluation, Certificates
- 12:00 *Lunch Break*
- 13:00 Departure for the technical visit
- 17:00 *End of Training Programme*

*UITP reserves the right to make amendments to the programme or any related activity at its discretion