

TWIN-IT-ROMANS

Summer School on Robot-Assisted Milling and 3D-Printing

Innsbruck, Austria

MCI | The Entrepreneurial School®

Center for Production, Robotics & Automation

SATURDAY, 26.07.2025 – SATURDAY, 02.08.2025

SATURDAY | 26.07.2025

17:00 – 22:00 Welcome evening & mountain dinner

SUNDAY | 27.07.2025

09:00 – 19:00 Mountain hike & alpine hut dinner

MONDAY | 28.07.2025

09:00 – 10:00 Welcome & Introduction

10:00 – 13:15 Online Programming
(MCI | Serafin Kollegger)

13:15 – 14:30 Lunch

14:30 – 16:00 Introduction to Additive Manufacturing
(IzTech | Halil Tetik)

16:15 – 17:45 Mechanical Behaviour of Fibre
Reinforced Composites
(IzTech | Senagül Tunca Taskiran)

TUESDAY | 29.07.2025

09:00 – 12:15 Robot-Based Additive Manufacturing
(ADMIRE Research Center |
Mathias Brandstötter)

12:15 – 13:30 Lunch

13:30 – 15:00 Introduction to Robot Assisted
3D-Printing
(MCI | Mathias Prast)

15:15 – 16:45 Introduction to Metal 3D-Printing and
WIRED3D
(RWU | Ralf Stetter)
(WIRED3D | Christoph Dietenberger)

WEDNESDAY | 30.07.2025

09:00 – 12:15 Introduction to Robot Assisted Milling
(MCI | Mathias Prast)

12:15 – 13:30 Lunch

13:30 – 16:45 Visit at live large scale robot milling
(Fertigungstechnik Miller |
Gerhard Miller)

16:45 – 21:00 Traditional mountain dinner

THURSDAY | 31.07.2025

09:00 – 12:15 Mobile Manipulators
(HKTM | Evren Samur)

12:15 – 13:30 Lunch

13:30 – 15:00 Modeling, Simulation and AI for
Robotics
(UIBK | Johannes Gerstmayr)

15:15 – 16:45 Introduction to Kinematics
(IzTech | Gökhan Kiper)

FRIDAY | 01.08.2025

09:00 – 12:15 Kinematics of Parallel Robots
(RWTH | Burkhard Corves)

12:15 – 13:30 Lunch

13:30 – 15:00 Physical Human-Robot Interaction
(IzTech | Can Dede)

15:15 – 16:45 Introduction to Soft Robotics
(Politecnico di Torino | Andrea Botta)

SATURDAY | 02.08.2025

09:00 – 15:00 Mountain hike & alpine hut lunch

18:00 – 22:00 Farewell evening & mountain dinner



Registration fee: free of charge

Accommodation & Breakfast: Hostel 55 €/night | Hotel 120 €/night

Registration: ZentrumPRA@mci.edu