

# TBrainBoost Summer School 2.0: Innovations in Neuroscience of Movement and Neurorehabilitation

14th - 18th July 2025



## AGENDA

### Monday, 14 July 2025 – Module 1: Bridging Academia, Industry & Innovation in Neuroscience

 Center for Humanities, ZRS Koper; Kreljeva ulica 6, Koper

8:15 – 9:00	<b>Registration (on-site students) and ZOOM log in (online students)</b>
9:00 – 9:30	<b>Translational Frontiers: Merging Academic Research with Neurorehabilitation Practice:</b> Uroš Marušič
9:30 – 10:20	<b>Motion Without Markers: AI-Driven Movement Detection:</b> Daniel Seebacher
10:20 – 10:40	<b>Coffee break</b>
10:40 – 11:20	<b>Unlocking Innovation: The Role of Knowledge &amp; Technology Transfer Offices :</b> Barbara Bradaš Premrl & Anja Inkret
11:20 – 13:00	<b>Student Project Presentations (Part I)</b>
13:00 – 14:30	<b>Lunch break</b> – Caprizza Pristaniška ulica 3, 6000 Koper

 Mediterranean Health Center; Pristaniška ulica 45, Koper

14:30 – 15:15	<b>From Lab to Market: Tensiomyography's Commercialization Journey:</b> Jure Jemec
15:15 – 16:00	<b>From Palpation to Personalized Medicine: The Artificial Finger &amp; Acoustic Muscle Insights:</b> Boštjan Šimunič



## Tuesday, 15 July 2025 – Module 2: Neurorehabilitation in Practice & Translational Neuroscience

📍 Marine Biology Station Piran; Fornače 41, Piran, Slovenija

8:45 – 9:00	<b>Registration (on-site students) and ZOOM log in (online students)</b>
9:00 – 9:45	<b>The effects of Coordinative Locomotor Training on gait in neurological patients:</b> Ivana Palčić – Croatia
9:45 – 10:30	<b>Gait and cognition following Traumatic Brain Injury:</b> Dr. Anne Felicia Ambrose – USA
10:30 – 10:50	<b>Coffee break</b>
10:50 – 11:30	<b>Neurorehabilitation in Focus: Multinational Perspectives:</b> Tatjana Horvat, Dr. Tine Kovačič – Slovenia
11:30 – 12:15	<b>From Motor Control Theory to Clinical Practice: Translating Functional Variability into Neurorehabilitation:</b> Julian Rudisch – Germany
12:15 – 13:00	<b>EEG &amp; Dementia: Translating Neuroscience into Real-World Applications:</b> Jurij Dreo – Malta
13:00 – 14:30	<b>Lunch break</b>
14:30 – 16:30	<b>Workshop: Project Mentoring &amp; Group Work</b>
18:00 – 19:00	<b><u>Keynote Lecture:</u> Motor pathways to dementia</b> Dr. Joe Verghese – USA
19:00 –	<b>Welcome reception</b>



## Wednesday, 16 July 2025 – Module 3: Digital Tools, AI & Inspiring Research Journeys:

📍 Marine Biology Station Piran; Fornače 41, Piran, Slovenija

8:45 – 9:00	<b>Registration (on-site students) and ZOOM log in (online students)</b>
9:00 – 9:45	<b>From Student to Scientist: Building a Research Career in Neuroscience of Movement:</b> Laurisa Arenales – Belgium
9:45 – 10:45	<b>Neurotech, Robotics &amp; AI: Exploring Next-Gen Tools:</b> Dr. Kevin De Pauw – Belgium
10:45 – 11:15	<b>Coffee break</b>
11:15 – 13:00	<b>Integration of the Mindfulness-Acceptance-Commitment (MAC) approach and (neuro)biofeedback technologies in the psychological preparation of athletes:</b> Dr. Duško Lepir – Bosnia & Herzegovina
13:00 – 14:30	<b>Lunch break</b>
14:30 – 16:30	<b>Workshop: Project Mentoring &amp; Refinement</b>

## Thursday, 17 July 2025 – Module 4: Clinical Insights, Digital Health & Applied AI

📍 Marine Biology Station Piran; Fornače 41, Piran, Slovenija


8:45 – 9:00	<b>Registration (on-site students) and ZOOM log in (online students)</b>
9:00 – 9:50	<b>Balance Training for Fall Prevention: From Research to Real-World Impact:</b> Dr. Michael Schwenk – Germany
9:50 – 10:45	<b>Lessons from Sports Medicine: Transitioning from Public to Private Practice:</b> Dr. Neža Majdič – Slovenia
10:45 – 11:15	<b>Coffee break</b>
11:15 – 12:00	<b>Empowering Innovation through Digital Health Hubs:</b> Rebeka Žerovnik – Slovenia



12:00 – 13:00	<b>Workshop: Final Project Development &amp; Coaching</b>
13:00 – 14:30	<b>Lunch break</b>
14:30 – 16:30	<b>Workshop: Final Project Development &amp; Coaching</b>

## Friday, 18 July 2025 – Module 5: Global Perspectives & Student Spotlight:

 Marine Biology Station Piran; Fornače 41, Piran, Slovenia

8:45 – 9:00	<b>Registration (on-site students) and ZOOM log in (online students)</b>
9:00 – 9:50	<b>Driving Innovation Across Borders: The Singapore HealthTech Ecosystem:</b> Dr. Shawnda Morrison – Slovenia/Singapore
9:50 – 10:45	<b>Early-Stage Fundraising Strategies for Startups:</b> Verica Poposka – Denmark
10:45 – 11:15	<b>Coffee break</b>
11:15 – 12:15	<b><u>Keynote Lecture:</u> Alzheimer's Dementia 120 Years After Alzheimer:</b> <b>Dr. Zvezdan Pirtošek – Slovenia</b>
12:15 – 13:00	<b>Workshop</b>
13:00 – 14:30	<b>Lunch break</b>
14:30 – 16:00	<b>Student Project Presentations (Part II)</b>
	<b>Closing Ceremony &amp; Certificate Distribution</b>
16:00 –	<b>Evening Celebration:  Farewell – Sunset Networking on the Adriatic Sea</b>

*\* TBB summer school 2.0 is part of the TBrainBoost project (led by AMEU; 9 partners; Grant agreement ID: 101120150, topic: HORIZON-WIDERA-2022-TALENTS-03-01 - Fostering balanced brain circulation – ERA Talents)*

