

TBrainBoost ERA week 1.0

Robotics technology: *From science to practice*



AGENDA

Day 1, 25. 4. 2024

Venue: L.2.03 (VUB, faculty LK)

“Robotics technology: From science to practice”

9:00 – 9:30	Welcome
9:30 – 10:00	Innovation and Valorisation Philipp Westbroek
10:15 – 11:15	Technology Transfer Hugo Loosvelt
11:15 – 12:00	Brussels Human Robotics Research Center – Strategic Research Program Kevin De Pauw
12:00 – 13:30	Lunch
13:30 – 14:15	Medical Device Regulation – CE marking Audrey Van Scharen
14:15 – 14:45	The Future of Prosthetics Pierre Cherelle – CEO Axiles Bionics
14:45 – 15:15	The Future of Exoskeletons Lennert Vierendeels – CEO HUSKK
15:15 –	Coffee, networking



Day 2, 26. 4. 2024

Venue : AI Experience Center (VUB, Pleinlaan 9, – 1)

“Sustainable robotics in healthcare and in production”

8:30 – 9:00	Arrival and coffee
	Introduction
9:00 – 9:15	An Jacobs - imec-SMIT, VUB Bernardo Incenti ULB
	The importance of sustainability goals in the surgical domain
9:15 – 9:30	Kristóf Takács Tamas Heidegger - Óbuda University
9:30 – 9:40	Q&A
9:40 – 9:55	Robotic knee surgery
	Bernardo Innocenti - ULB & KU Leuven
9:55 – 10:05	Q&A
10:05 – 10:20	Insights from workshop on sustainability goals
	An Jacobs - imec, SMIT - VUB
10:20 – 10:40	Short break
10:40 – 10:55	Sustainability goals at Idevax - Rob-id
	Koen Beyers - Idevax
10:55 – 11:10	Q&A
11:10 – 11:25	Sustainability goals at ORSI Academy
	Nicola Frego - ORSI Academy
11:25 – 12:30	Panel discussion
	moderated by Carl Mörch, featuring prior speakers
12:30 – 13:30	Lunch break
	Arrival participants afternoon session

“Human robot collaboration in EU manufacturing companies”

13:30 – 13:40	Introduction
	prof. dr. An Jacobs - imec, SMIT - VUB
13:40 – 13:55	The importance of sustainability goals in the production domain
	Marta Lorenzini - Italian Institute of Technology
13:55 – 14:05	Q&A



14:05 – 14:20	HRI in production context Shirley A. Elprama - imec-SMIT, VUB & FARI
14:20 – 14:30	Q&A
14:30 – 15:00	Short break
15:00 – 15:15	Sustainable Robotics in Production Environments: Navigating Challenges and Achieving Innovations Sharath Chandra - PROFACTOR
15:15 – 15:25	Q&A
15:25 – 15:45	Universal Design as Sustainable Design of Service Robots AJung Moon - McGill University
15:45 – 15:55	Q&A
15:55 – 16:30	Group discussion: brainstorm with the audience about SDG's in relation to human robot collaboration in production An Jacobs - imec, SMIT - VUB
16:30	Closing remarks Shirley A. Elprama – imec, SMIT – VUB & FARI

** TBB workshop 1.0 is part of the TBrainBoost project (2M€; led by ZRS Koper; 9 partners; Grant agreement ID: 101120150, topic: HORIZON – WIDERA – 2022 – TALENTS – 03 – 01 – Fostering balanced brain circulation – ERA Talents)*

