

2nd Dec, 2021
3-5 PM CET
9-11 AM ET

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Webinar by



HARVARD
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University College Dublin



UNIVERSITÀ
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DI PADOVA

Robotics in Rehabilitation

SoftAct research project funded by  Ministero degli Affari Esteri
e della Cooperazione Internazionale

PRO-GAIT project funded by  Horizon 2020
European Union Funding
for Research & Innovation

3:00-3:15 pm CET - 9:00-9:15 am ET

SoftAct and PRO-GAIT projects

Introductory Remarks by Alessandra Del Felice, MD PhD – University of Padua, UNIPD
Olive Lennon, PhD – University College Dublin, UCD

3:15-3:30 pm CET - 9:15-9:30 am ET

Robotics in Neuro-Rehabilitation

Alessandra Del Felice, MD PhD – University of Padua, UNIPD

3:30-3:45 pm CET - 9:30-9:45 am ET

Innovation in Rehabilitation Robotics

Paolo Bonato, PhD – Harvard Medical School, HU

3:45-3:55 pm CET - 9:45-9:55 am ET

Walking Features before and after Exoskeleton Training

Roberto Di Marco, PhD – University of Padua, UNIPD

3:55-4:05 pm CET – 9:55-10:05 am ET

Brain Oscillations Changes after Exoskeleton Training

Maria Rubega, PhD – University of Padua, UNIPD

4:05-4:15 pm CET - 10:05-10:15 am ET

Intelligent Systems for Neurorobotics

Emanuele Menegatti, PhD – University of Padua, UNIPD

4:15-4:30 pm CET - 10:15-10:30 am ET

Decoding Limb Movements/Imagined Movements from EEG for Stroke Rehabilitation

Damien Coyle, MD PhD – Ulster University, UU

4:30-4:50 pm CET - 10:30-10:50 am ET

Neural Correlates of Learning in Brain-Machine Interface

Luca Tonin, PhD – University of Padua, UNIPD

4:50-5:00 pm CET - 10:50-11:00 am ET

Concluding Remarks

Prof. Marco Gilli, Italian Scientific Attaché USA

Alessandra Del Felice, PhD, Stefano Masiero, MD – UNIPD; Paolo Bonato, PhD – HU; Olive Lennon, PhD – UCD