ONLINE SYMPOSIUM

COMPLEX REHABILITATION TECHNOLOGY: BRIDGING THE GAP BETWEEN RESEARCH, TECHNOLOGY AND EXPERIENCE

UESDAY 13TH OF OCTOBER 2020





In rehabilitation many novel technology innovations do not mature and are not implemented in rehabilitative care. These technologies could however facilitate increases in training frequency and intensity, assist the patient in home-training, or just offer support in daily life.

The Euregional network I2-CoRT is bridging this gap between healthcare, rehabilitation technology innovation and knowledge with the support of the Interreg V-A Euregion Meuse-Rhine programme (www.i2-CoRT.eu).

The project partners kindly invite you to an online symposium on the complex world of rehabilitation technology in clinical practice. Keynote speaker Carmen LaPlaza Santos, Deputy Head of the Health Innovations Unit, DG Research & Innovation of the European Commission will guide us through future European research and funding opportunities for rehabilitation. In addition, rehabilitation specialists, innovation experts such as Tom Braekeleirs from BlueHealth Innovation Center, and 4 companies will present their ideas/solutions in rehabilitation technology.

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The symposium is free of charge, but registration is mandatory.

PROGRAMME

- 13:15 **Opening of online platform**
- 13:30 Welcome & introduction Jolien van den Houten, moderator
- 13:40 Interreg, a history of 30 years of cross-border cooperation and regional development Mark Vos, Coordinator Interreg Euregio Meuse-Rhine
- 13:50 Concepts behind the i2-CoRT project Henk Seelen, PhD, Research coordinator Adelante Zorggroep -Centre of Expertise in Rehabilitation and Audiology, Associate professor department of Rehabilitation Medicine Maastricht University, project leader i2-CoRT project, the Netherlands

15:25 Investigation of the influence of familiarization to robotic assistance on the performance of daily activities

> Sybele E. Williams, Dr. rer. medic., Senior researcher, Department of Rehabilitation and Prevention Engineering (RPE), Institute of Applied Medical Engineering (AME) -Helmholtz Institute - RWTH Aachen University | University Hospital Aachen, Germany

- 15:40 **Pitch of Spentys** www.spentys.com
- 15:43 **Q&A** session
- 15:45 An attempt to catch the hand in the brain
- 14:10 Pitch of SenseGlove www.senseglove.com
- 14:13 **Q&A** session
- 14:15 The importance of start-ups in Healthcare Tom Braekeleirs, BlueHealth Innovation Center, Belgium
- 14:45 Q&A session
- 14:50 Break

15:05 Rehabilitation of the affected arm-hand in subacute phase post stroke Han Franck, PhD, Occupational therapist and researcher

Adelante Zorggroep - Centre of Expertise in Rehabilitation and Audiology, the Netherlands

- 15:20 Pitch of Theomatik www.theomatik.be
- 15:23 **Q&A** session

Marc Michielsen, MSc Physiotherapy, Head of Paramedics and researcher vzw Jessa hospital, Rehabilitation campus SU, Belgium

- 16:00 Pitch of Jessica Smarsch www.jessicasmarsch.com
- 16:03 **O&A** session
- 16:05 Introduction of new CR technologies in Rehabilitation: change management issues

Lara Marguet, Biomedical Engineer, Department of Physical Medicine, Rehabilitation and Sport Traumatology, ULiège, Belgium

- 16:20 **Q&A session**
- 16:25 The next framework programme and new funding instruments

Keynote speaker: Carmen Laplaza Santos, Deputy Head of the Health Innovations Unit, DG Research & Innovation, European Commission



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