



RRSS Second Edition 13-18 May 2019

KOS Santo Stefano Rehabilitation Hospital

Porto Potenza Picena (MC) Italy

Definitive programme*

13-Day 1: 08.30 - Arrival of speakers and participants.

Welcome addresses by ESPRM, Robotic Special Interest Group, UEMS PRM Section & Board, IISART, SIMFER, SIRN, SStefano Kos.

09.00 European diffusion of new technologies in PRM - A.Jucevicious

09.30 Needs for PRM and allied health professional education at the European and National Levels – M.G.Ceravolo

10.00 Advanced technologies: benefits and challenges for PRM development - M.C.Carrozza

10.30 Coffee and Tea

11.00-11.30 Clinical up to date - Introduction: Experiences and devices in Robot-assisted rehabilitation of Posture and Gait disorders - E. Andrenelli, M.Collina

11.30 Practice and Training

12.30 Lunch

14.00 Practice and Training

16.30 Discussion - Pro/Contra – E.Andrenelli, A.Jucevicious, M.E.Collina

17.30 Conclusion

14- Day 2: 08.30 - Arrival of speakers and participants.

09.00 International and interprofessional networking to develop common standards for research and innovation. Cooperation between Medical and technical competences - S.Mazzoleni

09.30 Cooperation between PRM specialists and companies to develop research, education and clinical applications – A.Giustini

10.00 Team-work strategies shared by PRM professionals with Companies and IISART- C. Melegari

10.30 European Projects in this Field: Actual and future activities - E.Ilieva

11.00 Coffee and Tea

11.20-12.00 Clinical up to date - Introduction: Experiences and devices in robotic rehabilitation of the upper limb and hand - F.Posteraro, D. Tulli

12.00-13.00 Practice and Training

13.00-14.30 Lunch

14.30 Practice and Training

16.30 Discussion - Pro/Contra - F.Posteraro, S.Mazzoleni, E.Ilieva

17.30 Conclusion

15 - Day 3: 08.30 - Arrival of speakers and participants.

09.00 Experiences and Evidences in Research

09.00 How to develop a research project (selection of outcome measures, inclusion/exclusion criteria, ethical aspects, randomization, blind assessment, sham therapy ...) - M.G. Ceravolo

09.30 Presentation of some examples and draft projects: Two innovative multicentre Projects in Italy – S.Pournajaf, D.Bonaiuti, M.Franceschini

10.00 Criticisms and difficulties to promote and manage research projects – T.Lejeune

10.30 Technological innovation in Rehabilitation: current status, opportunities and challenges for improving quality of life of persons with disabilities – S.Mazzoleni

11.00 - Coffee and Tea

11.20-12.00 Introduction- Clinical up to date

Treatment in Movement Disorders and Neurodegenerative health conditions - M.Capecci, D.Volpe

12.00-13.00 Practice and Training:

13.00 Lunch

14.00-15.30 Practice and Training:

15.30-16.00 Discussion - Pro/Contra– M.Capecci, S.Pournajaf, M.G.Ceravolo

16.00-17.00 Interactive Workshop: How to become a successful clinical researcher? – H.Stam

17.30: Conclusion

16 -Day 4: 08.30 –09.00 Arrival of speakers and participants to Myolab (Jesi - AN)

09.00 Welcome and presentation of Myolab facility

09.20 - Robotic Rehabilitation: How it interacts with Recovery Mechanisms. – E.Andrenelli (Biomechanical, Pharmacological, Neurophysiological aspects ...)

09.30- Motivation and Communication how to foster patients' active involvement in Participation in age of development - A.De Tanti

10.00- Robotic rehabilitation in children with neurological disorders - E.Ilieva

10.30 Italian rehabilitation experiences in rehabilitation in age of development – P.Moretti

11.00 -Coffee and Tea

11.20-12.00 Clinical up to date, Rehabilitation in age of development – A De Tanti, P.Moretti

12.00-13.00 Practice and Training:

13.00 Lunch

14.30-16.30 Practice and Training:

16.30 Discussion - Pro/Contra - E.Ilieva, E.Andrenelli

17.30 Conclusion

17 - Day 5: 08.30 – Arrival of speakers and participants.

09.00 - Robotic Rehabilitation: How it interacts in Rehabilitation Management. Roles in different settings from Acute to Home and Tele-Rehabilitation (Costs, Organization) - A.Morgantini

09.30- Role of Physicians and Allied health Professionals in robotic rehabilitation: how to improve the patient motivation and confidence- D.Popa

10.00- How to share new technologies according investments and sustainability: InterLab Experience - M.Vallasciani

10.30 - Artificial intelligence - M.Zampolini

11.00 -Coffee and Tea

11.20-12.00 Clinical up to date, Advanced devices and rehabilitation protocols in Virtual Reality and remotely supervised (home) treatments - M.Capecci & L.Pepa

12.00-13.00 Practice and Training.

13.00 lunch

14.30-16.30 Practice and Training
16.30 Discussion - Pro/Contra - M.Capecci, L.Pepa, A.Morgantini
17.30 Conclusion

18 - Day 6: 08.30 – Arrival of speakers and participants

09.00 -10.00 Visit to the Smart Home

10.00-11.00 How to create International working-groups, about relevant research topics under the support of RRSS and ESPRM Robotic Committee. – A.Giustini, M.G.Ceravolo, D.Popa

11.00-12.00 Closing remarks, Delivery of Certificates, Farewell to the Third Edition

*Each speech includes a final moment for questions and discussion

Scientific Committee:

Alessandro Giustini, Mauro Zampolini, Maria Gabriella Ceravolo, Thierry Lejeune, Elena Ilieva, Nicolas Christodoulou, Henk Stam, Daiana Popa, Alvydas Juocevicious, Stefano Mazzoleni, Maria Chiara Carrozza, Antonio DeTanti, Massimo Vallasciani.

Faculty: Elisa Andrenelli, Donatella Bonaiuti, Marianna Capecci, Maria Chiara Carrozza, Maria Gabriella Ceravolo, Maria Elena Collina, Antonio De Tanti, Marco Franceschini, Alessandro Giustini, Alvydas Juocevicious, Elena Ilieva, Thierry Lejeune, Stefano Mazzoleni, Corrado Melegari, Paolo Moretti, Antonello Morgantini, Lucia Pepa, Daiana Popa, Federico Posteraro, Sanaz Pournajaf, Henk Stam, Daniela Tulli, Massimo Vallasciani, Daniele Volpe, Mauro Zampolini.

General management: Participants and Faculty will be hosted, also for dinner, all together in Hotel; transportation will be offered in the morning from Hotel (to be defined) to Rehabilitation Hospital, with return in the afternoon at 17.30.

During the 5 Days a light lunch will be served at 13.30 in the KOS –Santo Stefano Rehabilitation Hospital or MioLab Facility.

The Lectures and speeches in the first part of morning will be given in the Conference room; afterwards, the participants will move to look at clinical treatments and directly test robotic and advanced devices in laboratories. At the end of training the participants will meet Faculty in the Conference room for questions and final discussion.