SUMMER SCHOOL

DARE Digital Lifelong Prevention

Digital Mobility Outcomes for Health Promotion and Prevention:
Extracting actionable insights from real-world data

Mobilise-D

Bertinoro (FC), Italy
July 30th – August 4th 2023

Times	Sunday July 30	Monday July 31	Tuesday August 1	Wednesday August 2	Thursday August 3	Friday August 4
09:00 - 10:50		**Welcome - Prof. Lorenzo Chiari, University of Bologna (09:00 - 09:10)** The future is now - Prof. Beatrix Vereijken, Norwegian University of Science and Technology (09:10 - 09:30) The DARE adventure - Prof. Lorenzo Chiari, DARE coordinator (09:30 - 10:10) The Mobilise-D journey - Prof. Lynn Rochester, Newcastle University, Mobilise-D coordinator (10:10 - 10:50)	**Meet the stakeholders for digital health technologies** Perspectives of healthcare workers and clinicians - Prof. Massimo Federici, University of Rome (09:00 - 09:30) Learning from patient perspectives - Laura Delgado, ISGlobal (09:30 - 10:00) Citizens' perspectives: designing technologies for and with older adults - Dr. Lis Boulton, AgeUK (10:00 -10:30) Perspectives of technologists - Dr. Paolo Tubertini, Research Hospital Bologna (10:30 - 10:50)	**Meet the environment for digital health and MedTech companies** The complex health ecosystem - Jane McDermott, University of Manchester (09:00 - 09:20) Legal aspects: SoA & new regulations - Dr. Francesca Conte, University of Bologna (09:20 - 09:35) Certification and regulation of medical devices - Ass. Prof. Sabato Mellone, University of Bologna (09:35 - 09:50) Governance and decision makers - Prof. Nick Guldemond, Leiden University Medical Center (09:50 - 10:20) Healthcare providers - Elena Sini, GVM Care and Research (10:20 - 10:35) Transformation of the health ecosystem through information and technology - Harold Wolf, President of HIMSS (10:35 - 10:50)	**Developing your project/solution - using the wisdom in the room!** Each group will prepare an overview of their project showcasing how they are addressing their unmet need, and highlighting key barriers and obstacles (09:00 - 09:30) All group members will view all teams' solutions, providing suggestions to overcome barriers and obstacles collaboratively (09:30 - 10:30) Groups reconvene, discuss learnings and ideas gathered as part of the collaborative sense check (10:30 - 10:50)	**Pitch presentations of group work - addressing your unmet need** Each group presents their solutions / guidelines to an expert jury Feedback and discussion with jury experts
				Break		
11:10 - 13:00		Implementation of digital health: Lessons learned and regulatory challenges. The Mobilise-D journey to qualification - Dr. Giorgio Davico, University of Bologna (11:10 - 11:40) Validation of wearable technologies: the Mobilise-D journey & lessons learned - Prof. Andrea Cereatti, Polytechnic University of Turin (11:40 - 12:10) The importance of evidence-based research - Prof. Paolo Boffetta, University of Bologna (12:10 - 12:40) Morning wrap-up and discussions	**Round table discussions** with healthcare professionals, citizens, and healthtech developers Participants: Prof. Roberta Calegari, University of Bologna Raphaelle Lesage - The Virtual Physiological Human Institute, Leuven, Belgium Nick Guldemond - Professor Healthcare & Public Health Moderator: Jane McDermott, University of Manchester (11:10 - 12:20) Digital health technologies from Biogen's R&D perspective - Dr. Claudia Mazzà, Biogen Digital Health (12:20 - 12:50)	Driving innovation and developing business strategies - Gerard Quinn, ICON (11:10 - 11:30) **MedTech – success stories and famous failures** Digital health in Parkinson's disease - Dr. Luca Palmerini, University of Bologna (11:30-11:45) An industrial perspective on digital prevention: lesson learned and future challenges - Dr. Matteo Melideo, Company: Engineering (11:45-12:00) The Khymeia Kloud: an ecosystem of IT-solutions to enable telerehabilitation services: story, challenges, and future directions - Dr. Marco Pirini, Company: Khymeia (12:00-12:15) The impact of MDR certification on data quality and the role of tech enterprise in creating valuable and reliable information - Dr. Ilaria Bortone, Company: Exprivia (12:15-12:30) The Up & Go app - Dr. Sabato Mellone, University of Bologna, and Melissa Böttinger, Heidelberg University Hospital, Company: mHealth Technologies srl (12:30-12:45)	**Phase 4: Finalizing project and rehearsing group pitch preparations** Group work: final tuning and rehearsing the group's 5-min pitch presentation Facilitators: Jane McDermott, University of Manchester; Mara Diaconu, Norwegian University of Science and Technology; Sinead Slattery, ICON	Continuation of pitch presentations Awards (11:45) **Closing remarks:** Prof. Lorenzo Chiari, University of Bologna, DARE coordinator (12:00) Small lunch - Goodbye!
				Lunch		**Busses to Bologna airport and train station leaving at 13:00**
14:00 - 15:50		**Hands-on experience:** try various technologies and different wearables (14:00 - 15:00) Group work: **Phase 1: Overview of unmet needs, potential group projects, finding your team** (15:00 - 15:50)	**Phase 2: Co-creation and co-design** Ass. Prof. Pino Mincolelli, University of Ferrara (14:00 - 14:30) Ass. Prof. Alison Keogh, University College Dublin (14:30 - 15:00) Discussion (15:00 - 15:30)	**Phase 3: Impact, sustainability and business strategies of solutions** The clinical trial process from a CRO perspective - Gerard Quinn, ICON (14:00 - 14:40) Who is your audience and your stakeholders – and how to communicate with them - Sinead Slattery, ICON (14:40 - 15:10) Pathways to impact, business plan and market - Mara Diaconu, Norwegian University of Science and Technology (15:10 - 15:40)	Group work: finalizing and rehearsing the group's 5-min pitch presentation Facilitators: Jane McDermott, University of Manchester; Mara Diaconu, Norwegian University of Science and Technology; Sinead Slattery, ICON	
				Break		
16:10 - 18:00	**Arrivals and check-in**	Group work: sharing values, discussing initial thoughts and ideas to address your teams unmet need project. Facilitators: Jane McDermott, University of Manchester; Mara Diaconu, Norwegian University of Science and Technology	**16:00 Social event** **Bus trip to Cervia and dinner by the beach**	Group work: developing your business plan, considering stakeholders and communications Facilitators: Jane McDermott, University of Manchester; Mara Diaconu, Norwegian University of Science and Technology; Sinead Slattery, ICON	Group work: finalizing and rehearsing the group's 5-min pitch presentation	
19:30 - end	**Welcome Buffet at Bertinoro Castle**	Dinner at Ca' De Bè restaurant, Bertinoro		Dinner at Loggia dei Britti restaurant, Bertinoro	**Party and dinner with live music at Bertinoro Castle**	

Scientific Committee

Prof. Beatrix Vereijken	Norwegian University of Science and Technology
Prof. Lorenzo Chiari	University of Bologna
Prof. Clemens Becker	Robert Bosch Krankenhaus
Dr. Sabato Mellone	University of Bologna
Dr. Luca Palmerini	University of Bologna
Mara Gabriela Diaconu	Norwegian University of Science and Technology

Local Committee

Dr. Serena Moscato
Valerio Arcobelli
Ilaria D'Ascanio
Marcello Sicbaldi
Jose Luis Albites Sanabria
Paola Di Florio