



IEEE METROXRINE 2022

OCTOBER 26 - 28, 2022

Rome

Satellite event to the Special Session

“Designing, testing and implementing innovative solutions for health in the framework of the twin transitions: challenges and enablers”

Hands on interdisciplinary laboratory

October 27 – h.15.00-17.30

The **aim** of the interdisciplinary laboratory is to provide an opportunity for knowledge exchange on the scale-up experiences of innovative solutions carried out by the quadruple helix innovation ecosystems of the European Reference Sites for Active and Healthy Ageing. An overview of the organisation of the RSCN network along the quadruple helix of innovation will be provided, sharing enablers, bottlenecks and perspectives for knowledge exchange. During the event, there will be an opportunity for a "hands on" activity aimed at the simulated implementation of a technology in the real setting of health services with a person-centred approach.

Identify at least 16 PhD students (Medicine, Engineering etc.) between Rome and Naples

Open the opportunity also to international PhD students and residents free of charge

First come first serve registration

Chairs: Maddalena Illario, John Farrell, Antonio Esposito, Pasquale Arpaia

15.00

Part 1: Intro session.

Arturs Mietulis, Digital Health and Innovation, WHO Europe Headquarters

Presentation of the RS model and by 4 Reference Sites of challenges they are facing in the journey of digital transformation of health and care.

RSCN illustrates the quadruple helix model and how it should work. Each focuses on a specific challenge. *The latter will be provided by the **15th of July**.*

- Challenge 1: Reference Site Madrid. Ana Miquel
- Challenge 2: Reference Site Scotland. Donna Henderson/Andrea Pavlickova
- Challenge 3: Reference Site Three Revers Food Delta. Edwig Goossens
- Challenge 4: Reference Site Thessaloniki. Despoina Mantziari



15.30 **Part 2: Innovation session.**

Several **examples** of types of solutions that might be suitable will be presented by Federico II engineering students, that could be adapted/adopted/scaled up.

- Solution 1: Andrea Zingoni, Tuscia University
- Solution 2: Vincenzo Moscato, Federico II University
- Solution 3: Carina Dantas. Shine2Europe.
- Solution 4: Leandro Donisi, Giuseppe Cesarelli, Federico II University

16.00 **Part 3: 4 Break-down sessions**

Participants will be split in 4 separated sessions, each including one of the 4 RS expert and picking up 1 of the 4 challenges

The role play will consist of simulating the adaptation, adoption and scale-up of one or more solutions to address by “representatives” of the 4 helix of RS.

The Blueprint “persona” methodology will be shared with PhD students before the meeting. Support printed materials will be provided (persona templates, quadruple helix tables etc).

17.00 **Part 3: Presentation of results in plenary session by a student-rapporteur.**

The rapporteurs will also include a focus on bottlenecks and enablers elements to adaptation, adoption and scale-up.

17.30 **Final considerations**

Maddalena Illario, John Farrell, Antonio Esposito, Pasquale Arpaia