## OActive

OACTIVE TRAINING SESSION II:

DATE: 29 MAY 2020

"Engaging end users to the OActive world"



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement No. 777159.



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**COMBINING** 

AND AL

**AGAINST** 

BIOMARKERS,

**BIOMECHANICS**,

REHABILITATION

OSTEOARTHRITIS

FOR PERSONALIZED

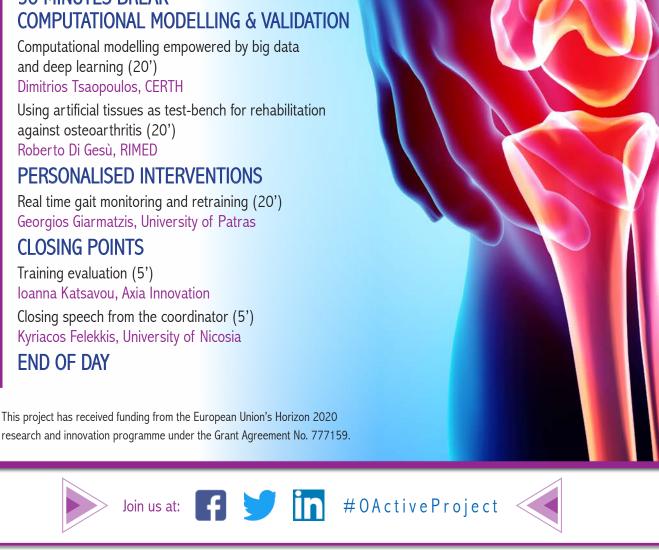




## AGFNDA

## **OActive**

## INTRODUCTION 09:30 Welcome and opening remarks; Agenda overview by the Coordinator and short presentation of OActive concept (10') Kyriacos Felekkis, University of Nicosia Ioanna Katsavou, Axia Innovation **BIOMARKERS AND BIOMECHANICS** 09:40 Biochemical modelling and inflammation biomarkers (20' Christos Papaneophytou University of Nicosia & Ramon Messeguer, Leitat Technological Center 10:00 Behaviour modelling and environmental biomarkers (20') Gianluca de Toma, SMARTEX & Thijs Swinnen, KULeuven & Sotirios Tasoulis, CERTH Biomechanical modelling of the knee (20') 10:20 David Britzman, Liverpool John Moores University **30 MINUTES BREAK** 10.40 **COMPUTATIONAL MODELLING & VALIDATION** Computational modelling empowered by big data 11:10 and deep learning (20') Dimitrios Tsaopoulos, CERTH 11:30 Using artificial tissues as test-bench for rehabilitation against osteoarthritis (20') Roberto Di Gesù, RIMED PERSONALISED INTERVENTIONS 11.50 Real time gait monitoring and retraining (20') Georgios Giarmatzis, University of Patras **CLOSING POINTS** 12.10 Training evaluation (5') Ioanna Katsavou, Axia Innovation 12.15 Closing speech from the coordinator (5') Kyriacos Felekkis, University of Nicosia END OF DAY 12.20





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