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

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

& Sotiris Tsaoulis, 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

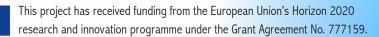
CLOSING POINTS

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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