

Smart Systems for Ambient Assisted Living

Summer School 2021

iscte

TECHNOLOGY
AND ARCHITECTURE

Wednesday, September 8, Iscte-IUL, Silva Leal Auditorium | Zoom

10h00 - 11h20

Robots for Ambient Assisted Living

Prof. Sancho Oliveira, Iscte-IUL & Instituto de Telecomunicações, Lisbon, Portugal

11h20 - 11h40

Coffee Break

11h40 - 13h00

Python Hands On - Foundations for smart systems-Part I

Stefan Postolache

13h00 - 14h30

Lunch Break

14h30 - 16h30

Python Hands On - Foundations for smart systems-Part II

Stefan Postolache

Thursday, September 9, Silva Leal Auditorium | Zoom

10h00-11h00

IoT Projects at ISCTE

Prof. João Carlos Ferreira, Iscte-IUL, ISTAR

11h00-11h20

Coffee Break

11h20-12h30

Mobile APP development in React Native: Basic Concepts

João Monge

12h30-14h00

Lunch Break

14h00 -16h00

Mobile APP in React Native for AAL: from sensing and actuation

João Monge

Friday, September 10, Silva Leal Auditorium | Zoom

10h00-11h00

Thermography for AAL

Prof. Joaquim Mendes, University of Porto, Porto

11h00-11h20

Coffee Break

11h20-12h30

Thermography and Physiological Assessment

Octavian Postolache, Mariana J. Rodrigues

12h30-14h30

Lunch Break

14h30 -16h30

Programming Robots for AAL

Sancho Oliveira, Iscte-IUL & Instituto de Telecomunicações, Lisbon, Portugal

Monday, September 13, Silva Leal Auditorium | Zoom

09h30-11h30

AAL and Health - perspectives from users, caregivers and technology developers

Prof. Luísa Lima, CIS-IUL - Centre for Social Research and Intervention (ECSH), Iscte-IUL, Chair of Iscte-Health

11h30-13h00

Age-friendly technologies: building an inclusive future society

Sibila Marques, CIS-IUL - Centre for Social Research and Intervention (ECSH)

13h00-16h00

Lunch Break

14h00-16h00

Machine learning & XAI - an introduction to Explainable Artificial Intelligence

João Cordeiro

Tuesday, September 14, Silva Leal Auditorium | Zoom

11h00-12h30

Co-design for Ambient Assisted Living

Alexandra Paio, Iscte-IUL, ISTAR, João Pedro Sousa, Iscte-VFABLAB

12h30-14h30

Lunch Break

14h30-16h30

Co-design in VFABLAB

Alexandra Paio, Iscte-IUL, ISTAR, João Pedro Sousa, Iscte-VFABLAB

Octavian Postolache, Mariana J. Rodrigues

Wednesday, September 15, Silva Leal Auditorium | Zoom

1st Workshop Smart Systems for AAL

10h00-12h30

Data acquisition and Demonstration in AAL environments

15h30-17h30

My work my Presentation: SmartAAL Summer School Presentation