International Winter School 2026

Smart Systems for Ambient Assisted Living

Iscte , Lisbon | November 23, 2026 **Preliminary Program**

09.30 - 9.40

SmartAAL - Opening Ceremony

Octavian Postolache, Mariana J. Rodrigues

09.40 - 10.10

Presentation of the Summer School Program

Introduction to the Functioning and Activity Content Associated with Summer School. Presentation of the trainers and summer school participants

10.10 - 10.30 | COFEE BREAK

10.30 - 12.00

Ambient Assisting Living Everywhere: From Health Status to Environment Monitoring

Prof. Octavian Postolache

Iscte-IUL and Instituto de Telecomunicações, Portugal

13.00 - 14:30 | LUNCH BREAK

14.30 - 16.30

E-textile for Wearable Solutions

Prof. Helder Carvalho

Universidade do Minho, Portugal

instituto de telecomunicações

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International Winter School 2026

Smart Systems for Ambient Assisted Living

Iscte , Lisbon | November 24, 2026 **Preliminary Program**

09.00 - 10.30

Smart AAL by My Own: My Work and My Ideas

Summer School participants and Mentors: Round Table

10.30 - 10.45 | COFEE BREAK

10.45 - 11.30

XOG Techniques in ALL for Disabled People

Dr. Alberto López Martínez

University of Oviedo and UNED, Spain

11.30 - 12.00

3D Modeling for Digital Twins

Stefan Postolache

Iscte-IUL and Instituto de Telecomunicações, Portugal

12.00 - 13.30 | LUNCH BREAK

13.30 - 15.30

Design of Digital Solutions for Therapy based on Extended Reality, Serious Games and Gamification

Prof. Rui Madeira

Instituto Politécnico de Setúbal, Nova, Portugal

instituto de telecomunicações

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International Winter School 2026

Smart Systems for Ambient Assisted Living

Iscte , Lisbon | November 25, 2026 **Preliminary Program**

09.00 - 09.30

Stress Monitoring Study for People Working at Computers [Online]

Prof. Dan Milici, University of Suceava, Romania

09.30 - 10.45

Biomedical Devices for AAL-Monitoring at Home

Prof.Mariana J. Rodrigues, Prof.Octavian Postolache, Raju Miah, Miguel Gil

Iscte-IUL and Instituto de Telecomunicações, Portugal

10.45 - 11.00 | COFEE BREAK

11.00 - 13.30

Co-design for AAL & Co-design in FabLab

Prof. Alexandra Paio, Iscte-IUL, Portugal

Dr.João Pedro Sousa, VFABLAB, Iscte-IUL, Portugal

Dr. João Boavida,VFABLAB, Iscte-IUL, Portugal

13.30 - 14.30 | LUNCH BREAK

14.30 - 15.30

AAL in Healthcare Digital Transformation ERA

Raul Martins

Whymob - Portugal

18.00 - 20.30 | TRAVEL LISBON TO PORTO

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International Winter School 2026

Smart Systems for Ambient Assisted Living

FEUP, Porto | November 26, 2026 **Preliminary Program**

09.00 - 10.30

Remote Sensing: Applied Thermography

Prof. Joaquim Mendes

Engineering Faculty, Universidade do Porto, Portugal

10.30 - 11.30

Reliability and Safety System design: Applications

Prof. Marco Mugnaini

University of Siena, Italy

11.30 - 12.30

AAL in the Outdoor Environment: Air Quality Monitoring in Jardim do Palácio de Cristal

Prof. Mariana Jacob Rodrigues

Iscte-IUL and Instituto de Telecomunicações, Portugal

12.30 - 13.30

AAL in the Outdoor Environment: Water and Soil Quality Monitoring in Jardim do Palácio de Cristal

Prof. Octavian Postolache

Iscte-IUL and Instituto de Telecomunicações, Portugal

13.30 - 15.00 | **LUNCH BREAK AND ARRIVAL TO OUTDOOR MEASUREMENT SESSION**

15.00 - 18.00

AAL in Outdoor Environment: Deployment and Validation of the Developed Systems

Summer School Participants and Mentors

19:30-22:00

GALA DINNER in PORTO

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International Winter School 2026

Smart Systems for Ambient Assisted Living

FEUP, Porto | November 27, 2026 **Preliminary Program**

09.00 - 10.00

Remote Sensing: Acoustic Ecology

Prof. Octavian Postolache

Iscte-IUL and Instituto de Telecomunicações, Portugal

10.00 - 11.00

Industrial Design

Prof. Jorge Lino

FE, Universidade do Porto, Portugal

11.00-11.15 COFEE BREAK

11.15-13.00

Industrial Design: Practical Session

Prof. Jorge Lino

FE, Universidade do Porto, Portugal

13.00 - 14.30 LUNCH BREAK

14.30 - 16.30

AAL in MyVISION - Interractive Session with Presentations

Summer School Participants and Mentors

16.30 - 17.00

Closing Ceremony

Summer School Participants and Mentors

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