



# Sant'Anna

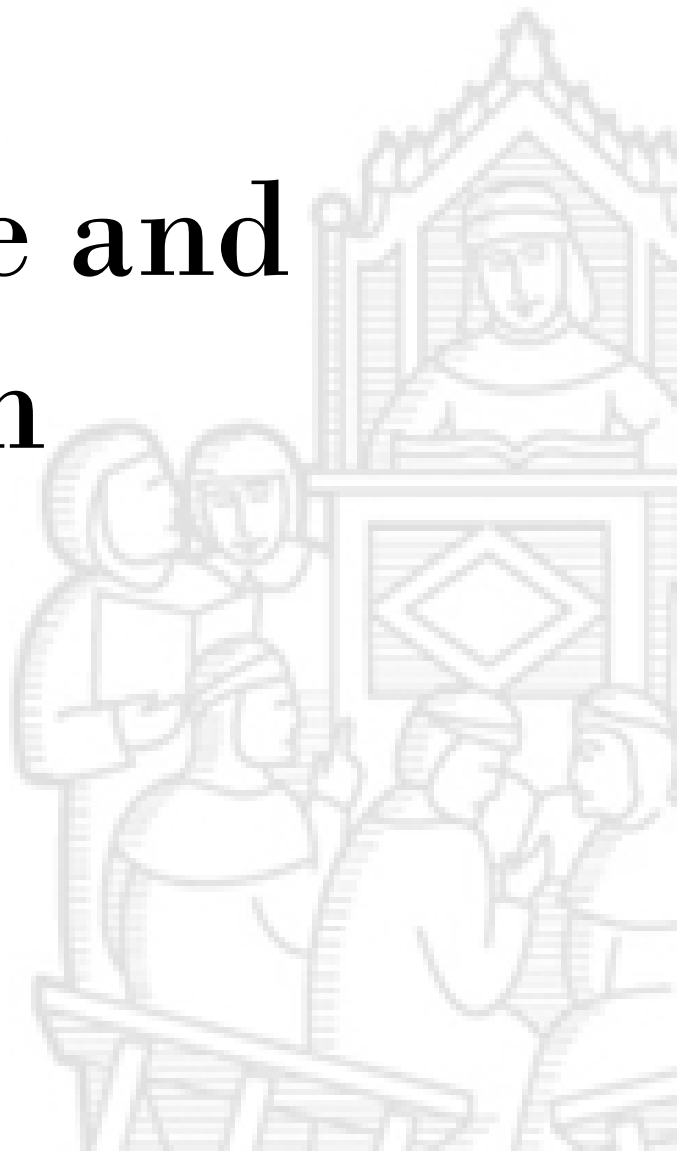
Scuola Universitaria Superiore Pisa

## *AIRONE*

Artificial  
Intelligence and  
RObotics in  
exteNded  
rEality

Seasonal School /

21<sup>st</sup> – 26<sup>th</sup> June 2021





# 21<sup>st</sup> June

9.00-11.00 **Introduction to the Seasonal School AIRONE**

M. Bergamasco (Scuola Superiore Sant'Anna)

11.00-13.00 **Fundamentals of 3D Graphics**

F. Tecchia, M. Carrozzino (Scuola Superiore Sant'Anna)

*Lunch Break*

14.30-18.30 **Fundamentals of Robotics**

M. Solazzi, M. Fontana (Scuola Superiore Sant'Anna)

# 22<sup>nd</sup> June

9.00-11.00: **Artificial Vision and Control Elements for Automation**

C. A. Avizzano (Scuola Superiore Sant'Anna)

11.00-13.00 **Elements of Biomechanics and Human Behavioural Analysis in Work and Sport Environments**

A. Filippeschi (Scuola Superiore Sant'Anna)

*Lunch Break*

14.30-16.30 **Virtual Reality and Augmented Reality**

M. Carrozzino (Scuola Superiore Sant'Anna)

16.30-18.30 **Fundamentals of Robotics**

M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)



# 23<sup>rd</sup> June

9.00-11.00 **Virtual Reality and Augmented Reality**

M. Carrozzino (Scuola Superiore Sant'Anna)

11.00-13.00 **Tracking, Interaction and Networking**

F. Tecchia (Scuola Superiore Sant'Anna)

*Lunch Break*

14.30-16.30 **Fundamentals of Telerobotics**

M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)

16.30-18.30 **Artificial Intelligence for Automation and Control**

P. Tripicchio (Scuola Superiore Sant'Anna)

# 24<sup>th</sup> June

9.00-11.00 **Physical Human-Robot Interaction and Multimodal Interfaces**

A. Filippeschi (Scuola Superiore Sant'Anna)

11.00-13.00 **Wearable and Collaborative Robotics**

M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)

*Lunch Break*

14.30-16.30 **Fundamentals of Telerobotics**

M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)

16.30-18.30 **Laboratory of Telerobotics**

M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)



# 25<sup>th</sup> June

9.00-11.00 **Artificial Intelligence for Automation and Control**  
P. Tripicchio (Scuola Superiore Sant'Anna)

11.00-13.00 **Laboratory of Telerobotics**  
M. Solazzi, A. Frisoli (Scuola Superiore Sant'Anna)

*Lunch Break*

14.30-17.30 **Artificial Vision and Control Elements for Automation**  
C. A. Avizzano (Scuola Superiore Sant'Anna)

# 26<sup>th</sup> June

8.30-13.30 **FINAL ASSESSMENT**