

Course Name	Instructor(s)	Affiliation(s) and Email address	# of hours	PhD Board contact person	Schedule
1. mmWave MIMO Sensing	Dr. Mohammad Alae-Kerharoodi	University of Luxembourg – Luxembourg mohammad.alae@uni.lu	20	Fulvio Gini fulvio.gini@unipi.it	TBD 5 Days h 09:00-13:00
2. Tactile Sensors for Robotics and Advanced Human Machine Interaction	Prof. Matteo Bianchi	Dipartimento di Ingegneria dell'Informazione matteo.bianchi@unipi.it	16	Matteo Bianchi matteo.bianchi@unipi.i	July 21- 24, 2026 h 09:00-13:00
3. Multivariate Statistical Signal Processing with Applications to Radar Systems	Prof. Danilo Orlando	Dipartimento di Ingegneria dell'Informazione danilo.orlando@unipi.it	16	Danilo Orlando danilo.orlando@unipi.i	Day 1 (07/05/2026) Day 2 (08/05/2026) Day 3 (14/05/2026) Day 4 (15/05/2026) Day 5 (21/05/2026)
4. Bilateral Teleoperation: Challenges, Perspectives and Applications	Prof. Matteo Bianchi	Dipartimento di Ingegneria dell'Informazione matteo.bianchi@unipi.it	16	Matteo Bianchi matteo.bianchi@unipi.it	July 27- 30, 2026 h 09:00-13:00
5. Integrated Photonics for Communications	Prof. Nicola Andriolli	Dipartimento di Ingegneria dell'Informazione nicola.andriolli@unipi.it	16	Nicola Andriolli nicola.andriolli@unipi.it	December 15-16 2025 January 13-15 2026
6. Frontiers in Wearable Electronics: Designing Intelligent Systems with Near-Zero Power Consumption	Dr. Michele Dei	Dipartimento di Ingegneria dell'Informazione michele.dei@unipi.it	16	Michele Dei michele.dei@unipi.it	July 2026 TBD 5 days
7. Hands on: Model Checking System Designs	Prof. Franco Mazzanti	ISTI-CNR, Pisa, Italy franco.mazzanti@isti.cnr.it	20	Alberto Gotta alberto.gotta@isti.cnr.it	Easter 2026

8. Perspectives on Transfer Learning: From Gradient Flow to NTK Regimes	Dr. Pietro Cassarà Prof. Dario Trevisan	ISTI-CNR, Pisa, Italy pietro.cassarà@isti.cnr.it Dipartimento di Matematica, Università di Pisa dario.trevisan@unipi.it	16	Alberto Gotta alberto.gotta@isti.cnr.it	8 days, from April 16, 2026 h. 16.00-18.00
9. Probabilistic Models for Networks: Random Graphs and Stochastic Geometry	Dr. Librino Federico	Istituto di Informatica e Telematica del CNR, Pisa - Italy federico.librino@iit.cnr.it	16	Raffaele Bruno raffaele.bruno@iit.cnr.it	TBD 4 days h. 14.00-18.00
10. Transforming Research into Companies	Prof. Manolo Garabini Ing. Daniele Genovesi	Università di Pisa manolo.garabini@unipi.it	30	Manolo Garabini manolo.garabini@unipi.it	TBD
11. Optimal Control: From Calculus of Variations Theory to Numerical Optimization Methods and Tools, with Application to Motion Planning and Control	Prof. Manolo Garabini Dr. Franco Angelini	Università di Pisa manolo.garabini@unipi.it franco.angelini@unipi.it	24	Manolo Garabini manolo.garabini@unipi.it	TBD
12. Modeling and control of multi-rotor aerial robots	Prof. Chiara Gabellieri	University of Twente The Netherlands c.gabellieri@utwente.nl	20	Franco Angelini franco.angelini@unipi.it	5 Days Dec 2025/Jan 2026
13. Maritime Autonomy with MOOS-IvP: Introduction to Autonomous Marine Systems	Dr. Michael Benjamin Dr. Mohamed Saad Ibn Seddik	MIT- USA mikerb@csail.mit.edu , msis@csail.mit.edu	30	Andrea Munafò andrea.munafò@unipi.it	5 Days TBD
14. Neural bases of Motor Control	Prof. Marco Santello	Arizona State University – U.S.A. marco.santello@asu.edu	16	Matteo Bianchi matteo.bianchi@unipi.it	March 9-13, 2026
15. Advanced Digital Technology in Maritime Applications	Prof. Volker Bertram	DNV – Det Norske Veritas, Hamburg, Germany volker.bertram@dnv.com	16	Andrea Caiti andrea.caiti@unipi.it	March 23-27, 2026, h. 8.30-13.30

16. Modelling and Design of Integrated Optoelectronic Devices	Prof. Paolo Pintus	<i>University of Cagliari, Italy</i> <i>University of California, Santa Barbara, USA</i> <i>Central European Institute of Technology - Brno University of Technology</i> <i>Czech Republic</i> paolo.pintus@unica.it	16	Nicola Andriolli nicola.andriolli@unipi.it	January 19-23 2026
17. English for Research Publication and Presentation Purposes	CLI lecturer (TBD)	Language Center University of Pisa	30		January -February 2026
18. English for Research Publication and Presentation Purposes-Part 2 C1+ Level	Dr. Joanne Spataro	joanne.spataro@unipi.it	30		TBD Starting on March 2026