

Dottorato di Ricerca in Ingegneria Industriale e dell'Informazione

Moduli di Dottorato A.A. 2021 – 2022

N.	Title	Instructors	email	Scheduling	hours	CFU
1	Discrete event simulation to model industrial systems	Lorenzo Tiacci	lorenzo.tiacci@unipg.it	NOV 2021 – DEC 2021	20	5
2	New energy sources and storage systems in the energy transition: natural gas hydrates.	Alberto Maria Gambelli	albertomaria.gambelli@unipg.it	NOV 2021 – DEC 2021	20	5
3	Analysis of mechanisms and mechanical systems	Maria Cristina Valigi	mariacristina.valigi@unipg.it	NOV 2021 – APR 2022	20	5
4	Measurement systems for localization	Alessio De Angelis, Francesco Santoni	alessio.deangelis@unipg.it , francesco.santoni@unipg.it	DEC 2021 – JAN 2022	20	5
5	Data-mining techniques for machines performance monitoring and early fault diagnosis	Francesco Castellani	francesco.castellani@unipg.it	JAN 2022 – MAR 2022	20	5
6	Energy harvesting techniques for the Internet of Things	Valentina Palazzi	valentina.palazzi@unipg.it	JAN 2022 – MAR 2022	20	5
7	Deep learning: principles, methodologies and applications	Gabriele Costante	gabriele.costante@unipg.it	JAN 2022 – MAY 2022	20	5
8	Distributed technologies for Big Data processing and blockchain	Luca Grilli, Fabrizio Montecchiani	luca.grilli@unipg.it , fabrizio.montecchiani@unipg.it	JAN 2022 – MAY 2022	20	5
9	Analisi degli incidenti industriali	Paolo Conti	paolo.conti@unipg.it	FEB 2022	20	5
10	Electromagnetic compatibility	Marco Dionigi	marco.dionigi@unipg.it	FEB 2022 – APR 2022	20	5
11	Electronic noise: theory and practice	Federico Alimenti	federico.alimenti@unipg.it	FEB 2022 – MAY 2022	20	5
12	Multiphase models for the dynamics of fluids	Michele Battistoni, Luigi Vergori	michele.battistoni@unipg.it , luigi.vergori@unipg.it	APR 2022 – MAY 2022	20	5
13	Finite element analysis for structural verification. From macro to micro structures	Giulia Morettini, Massimiliano Palmieri	giulia.morettini@unipg.it , massimiliano.palmieri@unipg.it	APR 2022 – MAY 2022	20	5
14	Techniques for 3D printing and measurements	Gianluca Rossi	gianluca.rossi@unipg.it	OCT 2022 – NOV 2022	20	5

Total	280	70
--------------	------------	-----------