

**Dottorato di Ricerca in “Information and Communication Technology and Engineering”**  
**PhD Course in “Information and Communication Technology and Engineering”**  
**Ciclo XXXVII / XXXVII Cycle**  
**Offerta formativa - anni 2022-24 / Courses – years 2022/-4**

	<b>SSD</b>	<b>Docente - Lecturer</b>	<b>Titolo - Title</b>	<b>Ore (CFU)</b>
1	ING-INF/01	Campopiano – Iadicicco	Photonics: optical sources and receivers, optical fibers and optical fiber sensors	16 ore (4 CFU)
2	ING-INF/01	Rendina (ISASI – CNR)	Lab sessions for the fabrication of microelectronic devices	16 ore (4 CFU)
3	ING-INF/01	Romano (ISASI – CNR)	Lab sessions for the characterization of opto-electronic devices	16 ore (4 CFU)
4	ING-INF/01	Rendina (ISASI – CNR)	Lab sessions for the characterization of materials employed in opto-electronics	16 ore (4 CFU)
5	ING-INF/02	Nunziata	Microwave scattering and propagation	16 ore (4 CFU)
6	ING-INF/02	Migliaccio	Wave polarization and radar polarimetry	16 ore (4 CFU)
7	ING-INF/02	Perna	Antenna Sparse Arrays	16 ore (4 CFU)
8	ING-INF/03	Napolitano	Nonstationary Signal Analysis	16 ore (4 CFU)
9	ING-INF/03	Schirinzi	Introduction to Compressive Sampling	16 ore (4 CFU)
10	ING-INF/03	Darsena	Model-based signal processing	16 ore (4 CFU)
11	ING-INF/03	Budillon	Detection theory	16 ore (4 CFU)
12	ING-INF/04	Tartaglione	Artificial intelligence for control engineering	16 ore (4 CFU)
13	ING-INF/05	Coppolino	Practical Malware Analysis	16 ore (4 CFU)
14	ING-INF/05	Mazzeo	Dependable cloud computing	16 ore (4 CFU)
15	ING-INF/05	D’Antonio	Experimental Security Evaluation of SCADA Systems	16 ore (4 CFU)
16	MAT/05	Feo	Elements of Functional Analysis	16 ore (4 CFU)
17	ING-INF/06	Baselice	Advanced techniques for image denoising: biomedical applications	16 ore (4 CFU)
18	ING-INF/01	Berardo - Massimo - Lisitskiy (ISASI – CNR)	Cryogenic technologies for quantum electronics	16 ore (4 CFU)
19	ING-IND/31	de Magistris	Numerical models for circuits	16 ore (4 CFU)
20	ING-IND/31	de Magistris	Nonlinear circuits and complexity	16 ore (4 CFU)
21	ING-INF/02	Buono	Synthetic aperture radar polarimetry: models & marine applications	16 ore (4 CFU)
22	ING-INF/05	Nardone	Model-Driven Engineering in industrial settings	16 ore (4 CFU)