

Ph.D. Course Information Sheet 2nd Call
41th cycle - A.Y. 2025/2026

NAME OF THE PH.D. COURSE	SYSTEMS, ENERGY, COMPUTER AND TELECOMMUNICATIONS ENGINEERING
DURATION	3 years
START DATE	October 31 st , 2025
LANGUAGE(S)	Italian, English
COORDINATOR	Prof. Paolo Arena
PLACES IN THE PH.D. COURSE	3
SELECTION PROCEDURE	Evaluation of qualifications and research project, oral examination

Places and scholarships

Number of Scholarships	Financial support	Research topic associated to the scholarship (if any)
1	Funds of Enel Green Power	Development of equivalent electrical models relating to the modelling of the behaviour/characteristics of electrochemical storage systems (racks/modules/cells) of different types (e.g. LIB/SIB) based on experimental data produced in the laboratory and development of the relevant test protocols able to allow comprehensive modelling of the aforementioned systems in the presence of specific operating conditions (e.g. primary/secondary/tertiary regulation, synthetic inertia etc.)
1	Funds of Vishay Semiconductor Italiana SpA	Development of CFD methodologies for energy optimisation of innovative traction inverters for automotive electrification applications
1	Funds of Programme FLOTTANT (Réf. projet. A1-2.2-128 INTERREG Italia-Tunisia)	Optimized Energy Supply Chain with Transducers and Advanced Technologies for the New Generation of Hybrid Recovery Systems and Marine Source Treatment

Selection procedure

	MODALITY	PUBLICATION OF THE RESULTS ON THE UNIVERSITY'S WEBSITE
Evaluation of qualifications and research project	Candidates presence not required	From 15/01/2026
Oral examination	Date: from 9.00 am (Italian time) of 18/01/2026. – Place: online via Microsoft Teams platform or equivalent platform according to communication of the selection committee	From 26/01/2026

* If the number of admitted candidates does not allow the oral test to be held on a single day, a calendar will be published on the website together with the results of the evaluation of qualifications and the research project.

* ** The results of the admission tests will be available on the website. Publication on the site has



the value of notification. No communication will be sent to candidates via email