



PDEEC APPLICATION FORM (2009/2010)

Course selection

Select the streams in table 1 and the elective courses in table 2.

Name: _____ Code: _____

Overview of the course organization

Semester 1	Semester 2
Seminars	Individual Topics
Stream 1	Stream 1
Stream 2	Stream 2
Electives	Electives

Table 1: Selection of Streams (each stream defines two courses, the first lectured in semester 1-S1 and the other in semester 2-S2)

Select exactly two streams	Stream	Courses in the stream
	Energy Markets	S1. Markets and Regulation S2. Market Simulation
	Power system dynamics and control	S1. Signals, Dynamics and Control S2. Systems with Renewables
	Systems and control	S1. Vector Space Methods S2. Measure Theory and Stochastic Processes
	Discrete event and hybrid systems	S1. Discrete event S2. Hybrid systems
	Image Recognition and Machine Learning	S1. Machine Learning S2. Image Analysis and Recognition
	Microelectronics and Microsystems Operations	S1. Microelectronic and Micromechanical Technologies S2. Advanced Microelectronic Systems Design
	Test Technology and Design for Testability	S1. Test and Design for Testability S2. Instrumentation and Systems Testing
	Operations Research	S1. Decision Support S2. Optimization Techniques
	Robotics	S1. Robotic Manipulators S2. Mobile Robotics
	Embedded Real-Time Systems	S1. Real-Time Embedded Systems S2. Parallel and Distributed Embedded Systems

Table 2: Selection of Electives.

Semester 1		Semester 2	
Select exactly one elective	Electives	Select exactly one elective	Electives
	Signal Analysis, Classification and Processing		Grid Computing
	Computational Intelligence in Power Systems		Non-linear Control
	Ubiquitous Embedded Systems		Hardware/Software System Development
			Reliable and Concurrent Software
	Special Topics		Special Topics
	(a)		(a)
	(b)		(b)

(a) If needed, write in the name of one of the courses in table 1, in the same semester, from the set of non-selected streams.

(b) If needed, write in the name of one course, in the same semester, offered by other doctoral Programme at FEUP, or identify a course/programme and institution other than FEUP. Needs approval from the Scientific Committee.

Date: _____ Signature: _____

