

INFORMATION TECHNOLOGY		
Cycle	XXX	
Duration	3 years	
Supervisor	Prof. Marco Locatelli – Department of Information Engineering E-mail: marco.locatelli@unipr.it	
Research Topics	<ul style="list-style-type: none"> • Electronics instrumentation and electrical drives • Computer systems and automatic control • Telecommunications and electromagnetic fields 	
Training objectives	The course aims at educating the future Ph.D.'s so that they will enter the research world with an active role, within both universities and industries	
Academic degree required	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
Positions put out to competition		
With scholarship	8	
Without scholarship	5	
Reserved to employees of companies having "Industrial Engineering Doctorate" arrangements	1	
TOTAL	14	
Scholarship types	No.	Description (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	2	MIUR Scholarships "Fondo Giovani" on topics relating to "Innovative broadband telecommunication systems, also with the use of satellites for differentiated users in safety, prevention and intervention in case of natural disasters" and "Advanced logistics and transport, infomobility of people and goods"
	1	Funded by Vislab s.r.l.
	1	Funded by Kai Kompetenzzentrum Automobil- und Industrieelektronik GmbH
	1	Co-funded by Fondazione Cariparma
Positions reserved for "Industrial Engineering Doctorate"	No.	Position reserved to employees of:
	1	TeMec Drive s.r.l.

Admission procedures	<p>Assessment of QUALIFICATIONS: up to 60 points a minimum score of 10 points shall be required to be admitted to the Exams WRITTEN EXAM: up to 40 points ORAL EXAM: up to 20 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>		
List of QUALIFICATIONS to be submitted and their assessment	Graduation thesis	Abstract of the graduation thesis (mandatory qualification)	Up to 2 points
	Curriculum Vitae et studiorum	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark (mandatory qualification)	Up to 36 points
	Laurea class	Laurea Magistrale belonging to Classes LM-17, LM-18, LM-23, LM-25, LM-27, LM-28, LM-29, LM-31, LM-32, LM-33, LM-35 e LM-40, as well the equivalent laurea specialistiche or laurea based on the University organization prior to the entry into force of Italian Ministerial Decree No. 509/99	Up to 2 points
	Statement of Research Interest	Short text – maximum 2 pages – in Italian or in English, aimed at explaining the candidate's reasons to attend the doctorate program and at describing his/her specific research interests	Up to 4 points
	Scientific publications and other research products	Books, chapters of books, publications in journals and convention papers, including abstracts and posters, patents	Up to 10 points
	Other qualifications	Prizes, reference letters (for foreign candidates), other qualifications that the Board deems relevant	Up to 6 points
	Foreign language	Language the fluency of which shall be assessed during the Oral Exam: ENGLISH with interview on a technical topic.	
Schedule of the admission exams	<p>WRITTEN EXAM DATE: 22 September 2014 TIME: 10:00am PLACE: Department of Information Engineering Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY</p> <p>ORAL EXAM DATE: 23 September 2014 TIME: 08:30 PLACE: Department of Information Engineering Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY</p>		

OTHER INDICATIONS

The admission tests will be held in English at the candidate's choice.