

<b>INFORMATION TECHNOLOGIES</b>		
<b>Cycle</b>	<b>XXXI</b>	
<b>Duration</b>	3 years	
<b>Supervisor</b>	Prof. Marco Locatelli – Department of Information Engineering E-mail: <a href="mailto:marco.locatelli@unipr.it">marco.locatelli@unipr.it</a>	
<b>Research Topics</b>	<ul style="list-style-type: none"> <li>• Electronics instrumentation and electrical drives</li> <li>• Computer systems and automatic control</li> <li>• Telecommunications and electromagnetic fields</li> </ul>	
<b>Training objectives</b>	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	
<b>Academic degree required</b>	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
<b>Positions put out to competition</b>		
<b>With scholarship</b>	8	
<b>Without scholarship</b>	3	
<b>Reserved to employees of companies having "Industrial Engineering Doctorate" arrangements</b>	5	
<b>TOTAL</b>	<b>16</b>	
<b>Scholarship types</b>	<b>No.</b>	<b>Description</b> (funding entity and research topic, if any)
	<b>3</b>	Scholarships of the University of Parma
	<b>1</b>	Funded by Vislab s.r.l.
	<b>1</b>	Funded by HENESIS s.r.l.
	<b>1</b>	Funded by Magneti Marelli S.p.A.
	<b>1</b>	50% is funded by TeMec Drive s.r.l. and 50% by the CIDEA – Interdepartmental Centre for Energy and Environment
	<b>1</b>	Co-funded by Fondazione Cariparma
<b>Positions reserved for "Industrial Engineering Doctorate"</b>	<b>No.</b>	<b>Position reserved to employees of:</b>
	<b>1</b>	Elettric80 S.p.A.
	<b>4</b>	Vislab s.r.l.

<b>Admission procedures</b>	<p><b>Assessment of QUALIFICATIONS:</b> up to 70 points  a minimum score of 20 points shall be required to be admitted to the Oral Exam  <b>ORAL EXAM:</b> up to 50 points  <b>Minimum score for ELIGIBILITY:</b> 70/120</p>		
<b>Interview via teleconference for candidates residing abroad</b>	<p>THE ORAL EXAM MAY BE HELD <u>VIA VIDEOCONFERENCE</u> FOR CANDIDATES RESIDING ABROAD.  THE INTERVIEW MAY BE HELD ALSO IN ENGLISH.  (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
<b>List of QUALIFICATIONS to be submitted and their assessment</b>	<b>Graduation thesis</b>	Abstract of the graduation thesis ( <b>mandatory qualification</b> )	Up to 2 points
	<b>Curriculum Vitae et studiorum and other qualifications</b>	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 ( <b>mandatory qualification</b> )	Up to 38 points
	<b>Research Project</b>	The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 12 points
	<b>Scientific publications</b>	Articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	Up to 12 points
	<b>Other qualifications</b>	Scholarships, prizes, internships, etc..	Up to 6 points
<b>Foreign language</b>	<p>Language the fluency of which shall be assessed during the Oral Exam: <b>ENGLISH.</b></p> <p>The evaluation of the knowledge of this language will be oral and will consist of a short interview on a technical topic.</p>		
<b>Schedule of the admission exams</b>	<p><b>ORAL EXAM DATE:</b> 16 September 2015  <b>TIME:</b> 01:00pm – 06.00pm  <b>PLACE:</b> CLASSROOM A/2 - Office Scientific of Engineering  Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY</p>		
<b>Oral Exam topics</b>	<p>The Oral exam will focus on qualifications and research interests of the candidate..</p>		

