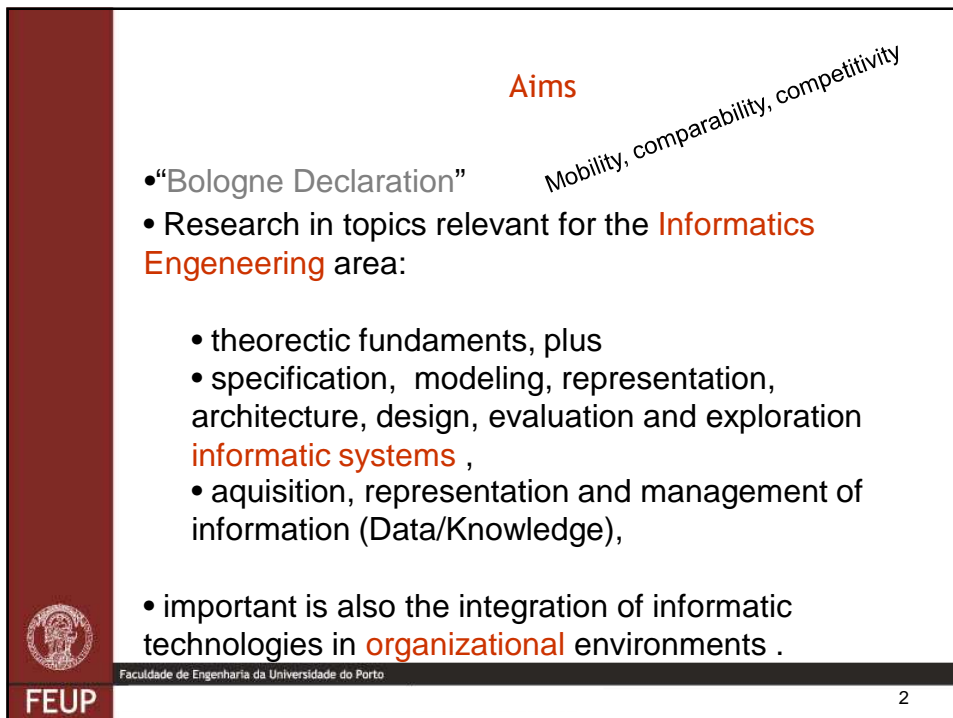


**DOCTORAL** PROGRAM IN  
INFORMATICS ENGINEERING

Edition 2011-14 (7<sup>th</sup> Edition)

Eugénio Oliveira

FEUP Faculdade de Engenharia da Universidade do Porto 1



**Aims**

*Mobility, comparability, competitiveness*

- “Bologne Declaration”
- Research in topics relevant for the **Informatics Engineering** area:
  - theoretic fundamentals, plus
  - specification, modeling, representation, architecture, design, evaluation and exploration **informatic systems** ,
  - aquisition, representation and management of information (Data/Knowledge),
- important is also the integration of informatic technologies in **organizational** environments .

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## Differentiation

- Not “just” **Informatics**. Important is also a Project according to **Engeneering** “good practice” requirements.
  - Thus: diffent from a PhD in “Informatics” (and CS)
  - keep the **scientific** level (always present in all good Doctoral programs).



## Differentiation

- Not a Doctoral Program in “... .. **and Computers**”.
  - Emphasis is not on the “hardware” means (computers, networks ...) but rather on “**models, processes, methods, software**” related to electronic INFORMATION processing
  - Not restricted to either specific subjects, or specific application domains (production, medicine, services...).
  - Open to all current innovating topics in the **Informatics Engeneering** area



### Program Scheduling

**1st Semester**  
**Starting date:** 19<sup>th</sup> September 2011  
**FEUP Week – no formal classes:** 24<sup>th</sup> /10 to 28<sup>th</sup> /10 2011  
**Christmas holidays :**19/12/ 2010 to 1<sup>st</sup> January 2012  
**Starting Exams period:** 02<sup>nd</sup> January 2012  
**End of Exams period :**10<sup>th</sup> February 2012

**2nd Semester**  
**Starting date :** 13<sup>th</sup> February 2012  
**Carnival break:** 20<sup>th</sup> and 21<sup>st</sup> March 2012  
**“Universidade do Porto” Day:** 22<sup>nd</sup> March 2012  
**Easter Holliday :**02<sup>nd</sup> to 09<sup>th</sup> April 2012  
**“Queima das Fitas” – (Classes) :** 06<sup>th</sup> to 13<sup>th</sup> 2012  
**End of the Classes period:** 01<sup>st</sup> June 2012  
**Starting Exams period :**04<sup>th</sup> June 2012  
**End of Exams period:**13<sup>th</sup> July 2012  
**Deadline for grading publication:**27<sup>th</sup> July 2012




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### European Credits Transfer

1º Semester	2ºSemester
<b>MSR -MIC</b> 7,5 ECTS	<b>Research Plan</b>
Optional Course 7,5 ECTS	<b>Research Plan</b> 15 ECTS
Optional Course 7,5 ECTS	Optional Course 7,5 ECTS
Optional Course 7,5 ECTS	Optional Course 7,5 ECTS

*60 ECTS → 1620 H*  
*About 40 weeks → about 40H/week (8 h/week per course)!!*



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### Supervision

- an UP Professor plus, if needed,
- a **co-Supervisor** (might be external)
- 2nd Year:
- a **Qualifying Committee** provides support to the
  - research to be pursued by the student.
  - evaluation and issue an Opinion about the thesis proposal giving access to the "definitive registration".
- **Scientific Commission**



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### ProDEI Executive & Scientific Boards

- **Program Director**

*Eugénio Oliveira* ([eco@fe.up.pt](mailto:eco@fe.up.pt))



- **Scientific Committee**

*Eugénio Oliveira, A. Augusto Sousa  
João Paiva Cardoso, Rui Maranhão*



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### ProDEI Executive & Scientific Boards

- To evaluate the student's needs and to propose, whenever appropriate, a **course** on "Free Study" according to Regulations;
- Issue an Opinion, after listen to the PhD student's Qualifying Committee, about the student **definitive admission** to the Program, according to the Regulations;
- Issue an Opinion, after listen to the PhD student's Qualifying Committee, about the possibility for the student to **submit the final dissertation**, according to the Regulations.



- **Supervisor (UP) and (co-supervisor)**

### ProDEI Advisory Boards

- **Qualifying Committee**
  - includes the **supervisor and co-supervisor**, if exists.
  - plus **two professors or experts** well known in the area and appointed by the ProDEI Scientific Committee, after listening to the supervisor. At least ***one of the members has to be from outside FEUP.***
  - Issues a well founded opinion on the **work plan** and provides support, when asked, to guide students research work.




## PRODEI Students

- **2005-... Edition**
  - Applications: about 20
  - Selected: **15**
- **2006-... Edition**
  - Applications: 23
  - Selected : **20** doutorandos
- **2007-... Edition**
  - Applications: 25 (inclui transferências)
  - Selected : **22** (inclui transferências)
- **2008-... Edition**
  - Applications : 25
  - Selected : **19**
- **2009-... Edition**
  - Applications: 34
  - Selected : **25**
- **2010-... Edition**
  - Applications: 43
  - Selected : 25+2
  - em Tese: 46 (total)
- **2011-... Edition**
  - Applications: 32
  - Selected : 25

• **PhD Students profiles in 2011:**

- foreigners: 4
- external to FEUP: 13




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## Duration

- at least **three years**, full time equivalent activity, hopefully not exceeding **four years**.
- in the presence of exceptional circumstances and on the student's demand, posted 90 days before the deadline, the dissertation submission may be **anticipate**, or submitted **after** four years, if:



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## Duration

### Conditions:

- ProDEI **Scientific Committee** favourable opinion, and
- **Scientific Committee** decision, after listening to the Student's **Qualifying Committee**.



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## Official Information

[https://www.fe.up.pt/si/cursos\\_geral.FormView?P\\_CUR\\_SIGLA=PRODEI](https://www.fe.up.pt/si/cursos_geral.FormView?P_CUR_SIGLA=PRODEI)

### Secretariat:

**DEI Secretariat :**  
Sandra Reis (Marisa/Lina)  
22 508 2134  
[sreis@fe.up.pt](mailto:sreis@fe.up.pt)



### post-graduation Secretariat:

Sónia Carvalho  
Águeda Gonçalves  
Paula Valente  
22 508 2130  
[sposgrad@fe.up.pt](mailto:sposgrad@fe.up.pt)



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PhD Students:  
Introduction



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