



# The 13th Doctoral Symposium in Informatics Engineering - Toward the Next Generation of Digital Technology

Scientific Chairs<sup>1</sup>

<sup>1</sup>ProDEI & MAP-i Doctoral Programs  
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Today, our world is evolving and accelerating under the impetus of new technologies and digital technology. If the actors of this innovation are multiple, the researchers are distinguished by their disruptive state of mind and their ability to imagine new digital solutions. Through an overlap in their interests, researchers and industrial actors are now working hand-in-hand to create the tools and services that make the world smoother, safer and more sustainable. We are aware that reaching such digital revolution requires the contribution of specialists in different informatics' areas.

Taking place since 2005, the Doctoral Symposium in Informatics Engineering (DSIE) welcomes Ph.D and MSc students to participate and take advantage of this opportunity to exchange ideas and to share their R&D findings/experiences. The goal is to bring together a broad and diverse students whose ideas and research are of mutual interest.

## I SCOPE

The technical areas of interest to DSIE' 18 include, but are not limited to, the following topics:

- Advanced Information Extraction
- Bioinformatics
- Computer Vision
- Distributed Computing
- Gamification & Serious Games
- Information Systems
- Information and Communication Technology
- Internet of Things
- Machine Learning
- Multi-agents Systems

- Software Engineering
- Systems Security and Cryptocurrency
- Computer Graphics and Virtual Environments

## II SUBMISSION GUIDELINES

Authors should submit a paper in English, carefully checked for correct grammar and spelling, addressing one or several symposium areas or topics. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. The submissions must be formatted according to the Springer LNCS Template. The manuscripts should be submitted in electronic form (PDF format) using the Paper Submission Page (EasyChair system). Authors are invited to submit 10-12 pages paper (including authors' information, abstract, all tables, figures, references, etc.). **All papers will be peer-reviewed by at least two reviewers (includes: professors specialists in the paper's topic).**

## III VENUE

DSIE' 18 will take place in the city of Porto. The scientific program will be held at the Faculty of Engineering of the University of Porto (FEUP).

## IV IMPORTANT DATES

- **Paper Submissions Deadline: 15 Dec. 2017**
- **Posters/Short Papers Deadline: 18 Dec. 2017**
- Notification of Acceptance: January 15-19, 2017
- Deadline of Camera Ready Papers: January 22, 2017
- **Symposium: 30 - 31 of January, 2018**