

INESC Porto

a brief description

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LIAAD-Inesc Tec - University of Porto

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INESC Porto LA

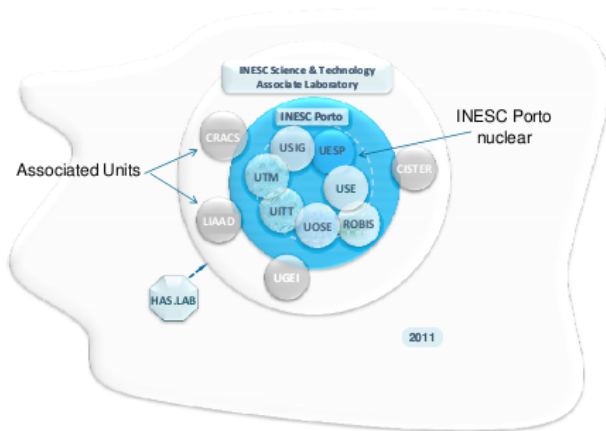
Institute for Systems and Computer Engineering of Porto

- Private non-profit association, recognised as a Public Interest Institution and an Associate Laboratory since 2002.
- Invests in Scientific Research and Technological Development, as well as in Advanced Training and Consulting, Technology Transfer and supports the Establishment of new Technology-based Companies.
- Created to act as an interface between the academic world, the world of industry and services and the public administration in Information Technologies, Telecommunications and Electronics.

INESC Porto LA - Areas of Intervention

- Telecommunications and Multimedia
- Power Systems
- Manufacturing Systems
- Information and Computer Graphics Systems
- Optoelectronics and Electronic Systems
- Robotics and Intelligent Systems
- Innovation and Technology Transfer
- Artificial Intelligence and Decision Support
- Programming and Computing Languages
- Industrial Management
- Embedded and Real-Time Computing Systems

INESC Porto LA - Organization



LIAAD

- One of the associated research units of INESC Porto LA
- Around 50 researchers
 - ▶ 23 PhD's
 - ▶ Mostly professors at faculties of Economics, Sciences and Engineering of UPorto
- Coordinator: Pavel Brazdil (pbrazdil@inescporto.pt)



LIAAD - activities

Main Research Areas

- **Data Mining / Business Analytics**
 - ▶ Data mining for decision support
 - ▶ Learning from data streams
 - ▶ Modelling dynamic systems
 - ▶ Metalearning and planing to learn
 - ▶ Web mining and web intelligence
 - ▶ Text mining
- Data Analysis and Statistical Methods
- Modeling and Optimization

CRACS

- One of the associated research units of INESC Porto LA
- Research group created in 2007
- Around 45 researchers
 - ▶ 11 PhD's
 - ▶ Mostly professors at the Faculty of Sciences of UPorto
- Coordinator: Fernando Silva (fds@dcc.fc.up.pt)



CRACS - activities

Main Research Areas

- Computational Models and Languages for Scalable Computing
 - ▶ Language Implementation
 - ▶ Middleware
 - ▶ Parallelism
- Information Mining and Web-based Systems
 - ▶ Inductive Logic Programming and Statistical Relational Learning
 - ▶ Applications

INESC Porto ePolicy Team

- Luis Torgo (ltorgo@inescporto.pt, ltorgo@fc.up.pt) [LIAAD, Local Coordinator]
 - ▶ Numeric prediction, mining rare events, text/opinion mining
- Alipio Jorge (amjorge@fc.up.pt) [LIAAD]
 - ▶ Web mining, recommendation, association rules, active learning
- Vitor Santos Costa (vsc@dcc.fc.up.pt) [CRACS]
 - ▶ Logic Programming, Multi-Relational Data Mining, Statistical Relational Learning
- Nuno Fonseca (nunofonseca@acm.org) [CRACS]
 - ▶ Bioinformatics, multi-relational learning