INESC TEC

Bilateral Meetings

- Wednesday 10:40 h - 13:00 h

Description

INESC TEC (www.inesctec.pt) is an Associate Laboratory coordinated by INESC Porto Institute (private non-profit association). The Associate Laboratory brings together close to 770 researchers, of which 240 have PhDs, forming a robust centre of scientific and technological development in Portugal with notable international presence. INESC TEC

competencies include Information and Computer Graphics Systems, Robotics and Intelligent Systems, Power Systems, Telecommunications and Multimedia, Manufacturing Systems Engineering, Optoelectronics and Electronic Systems, Innovation and Technology Transfer, Biomedical Research and Innovation, Artificial Intelligence and Decision Support, Advanced Computing Systems, Industrial Engineering, Real-Time and Embedded Computing Systems and High-Assurance Software.

Organization Type
Research
Areas of Activities

Medical devices

Information and Communication Technology

Offer & Request

ICT4HEALTH

BIOMEDICAL ENGINEERING:
- Neuroengineering; Mobile and wearable technologies towards human sensing
- Bio-instrumentation
- Biomedical imaging

OPTICAL SENSORS

INDUSTRIAL ENGINEERING & MANAGEMENT
Electronic Health Record, Capacity planning and scheduling, Staff management, Waiting list management, Interactive dashboards, Hospital benchmarking, and user access to health services.

HIGH ASSURANCE SOFTWARE IN IT SYSTEMS

Rigorous analysis of non-functional requirements; Model-driven engineering; Verification of safety-critical software; Development and integration of cryptographic components; Cloud computing; Big data.

COMPUTER GRAPHICS AND VIRTUAL ENVIRONMENTS

ADVACED COMPUTING SYSTEMS

Computational Models and Languages for Scalable Computing ; Information Mining and Web-based Systems (Machine Learning and Discovery and Inductive Logic Programming; Statistical Relational Learning

Ubiquitous Data Streams; Biologically Inspired Computing; Applications; Pattern Discovery in Genomics and Proteomics

Analysis of Gene Expression Data; Understanding Cellular Pathways; Clinical Analysis; Intrusion Detection Systems; SPAM Classification; Semantic Digital Libraries; Service Oriented Architectures and Open Data

Cooperation Offered

1. Technical co-operation
2. Research co-operation

Cooperation Requested

1. Distribution
2. Technical co-operation