

Main Research topics

- High Performance Computer Architectures
- Wireless Sensor Networks
- Power-aware protocols
- Video Communications
- Performance Analysis
- Simulation

Equipment/ Technical resources

- Supercomputer
- Simulation Tools
- Wireless Networks Prototypes
- Electronic Instrumentation

Industrial applications

- Intelligent Buildings
- Smart Urban Spaces Aeronautics
- Precision Agriculture
- Environmental Monitoring

Key words :

Computer
Communications
Computer Architectures
Performance

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Main collaborations with universities**Current national university collaboration:**

| Universidad de Valencia | Universidad de Murcia | Universidad de Granada | Universidad Politécnica de Valencia | Universidad Carlos III |

Current international university collaboration:

| University of Ottawa (Canadá) | Florida Atlantic University (USA) | Simula (Norway) | Cardiff University (England) | INRIA (France) | Univesity of Melbourne (Australia) | Université Paris VI (France) | Universidad de Algarve (Portugal) | Uppsala University (Sweden) | Kent University (UK) |

Partnerships with compagnies**National:**

| Altran | INDRA | GMV |

International:

| Boeing (U.S.A.) | Thales (France) | Hectronic (Sweden) | Nortel (Canada) |

Key figures