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- Research Line Lead
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    JUNIOR RESEARCHER

  CASE - HPC Software Engineering

  View Research Lines
  - BSIT: Barcelona Subsurface Imaging Tools
  - Electromagnetic Modeling and Inversion
  - HPC Frameworks
  - HPC Geophysical Applications

- Research Line Department / Group Leaders
  - JOSE MARIA CELA ESPIN
    COMPUTER APPLICATIONS IN SCIENCE AND ENGINEERING DIRECTOR

  CASE

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- Agent-Based Models
- Alya - High Performance Computational Mechanics
- Atmospheric Impact Services
- BSIT: Barcelona Subsurface Imaging Tools
- Computational Modeling for Fusion
- Computational fluid mechanics - Incompressible flows
- Cultural Evolution
- Earthquake Simulation
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- Electronic transport
- Fast Ion Physics
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- HPC Workflows
- Inverse Modelling
- Microscale wind simulations and wind resource assessment
- Reduced Order Methods in HPC
- Respiratory system
- Smart and resilient cities
- Urban-scale Atmospheric Dispersal Modeling
- Volcanic ash

MAURICIO HANZICH
HPC SOFTWARE ENGINEERING GROUP MANAGER

CASE - HPC Software Engineering

View Research Lines
- Atmospheric Impact Services
- BSIT: Barcelona Subsurface Imaging Tools
Electromagnetic Modeling and Inversion
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- HPC Geophysical Applications
- HPC Software Optimization
- HPC Workflows
- Inverse Modelling

- Research Line Staff
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    CASE - Environmental Simulations
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    - Volcanic ash

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    CASE - HPC Software Engineering
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BSIT: Barcelona Subsurface Imaging Tools
HPC Frameworks
HPC Geophysical Applications
HPC Software Optimization

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