SME Pitches

ACORDE Technologies SA

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ACORDE at a glance

- Location: Santander (Spain)
- Number of employees: >50 (~30 R&D)
- Sales: 7M€ (25% R&D expenses)

- Competences and products:
  - RF front-ends for airborne and defense
  - Development of custom HW/SW for monitoring, positioning, communications and control
  - Development and optimization of embedded systems
  - Software services, development and customization

- ECS Design, Manufacturing and Testing facilities
  - ESD areas, Climatic chambers, Mechanizing, Additive manufacturing
Activities

• Tens of collaborative project since FP5, as coordinator and partner

• Some ongoing collaborative projects:
  • AIDOART (ECSEL 2020)
  • EECONE (KDT 2022)
  • SoÑAMoS (National), coordinator
  • INTEGRUAS (National)

• Some recently past collaborative projects:
  • GALIRUMI: H2020 project, as coordinator
  • NextPerception: ECSEL 2019, as partner
  • COMP4DRONES: ECSEL 2018, as partner

• Member several years ago

• Attend workshops on SRIA and upcoming calls
Collaboration and Topics

Calls:

Topics:

• Monitoring Solutions (edge side, industry oriented)
  • AI/ML/DL applied to automated analysis on monitored data
  • Low-power communication
  • Sensor integration on digital models (Virtual platforms)

• Positioning
  • Resilient Positioning, Data fusion, Attitude (Pose)
  • Drones, robots

• Green ECS
  • Modular Design, Less Impact Material, Battery-less solutions, Greener Manufacturing (PCB, Envelops, connectors)
  • Design: Tooling, Database Integration, LCA on company procedures

• HW/RISC-V
  • RISC-V based architectures and platforms
  • Acceleration for Security and for AI-based applications
  • ASIC target (supporting University Chair)