**INTEGRATION OF PATCHS FOR HUMAN HEALTH MONITORING**

Team Smart Sensing and SyStems Monitoring

**OBJECTIVES**
- Smart systems - Monitoring of behavioral signals with wireless wearable/embedded devices
- Integration of autonomous sensing/actuating patches

**CHALLENGES**
- Non-invasive and non-obtrusive instrumentation
- Low power architecture on individuals or objects
- Identification of changes in the signals (biomechanical, physiological, material...)

**EXPERTISE: DEVELOPMENT OF SMART DEVICES FOR SENSING/ACTUATING**

- **Medical patch**
  - Fall detection
  - Geolocation and alert

- **Smart insole for frail people**
  - Activity parameters
  - Autonomous and integrated

- **Smart patch for actuating drugs**
  - Integration
  - Physical Modelization
  - Experimental trials

- **Cyclist Monitoring**
  - 3D motion analyser
  - Performance improving
  - Textile integration

**REFERENCES**

**PARTNERS & FUNDINGS**


**Team Smart Sensing and SyStems Monitoring**

**Technology & Instrumentation for the Monitoring of Complex Systems**