



# BROKERAGE FOR HEALTH

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session (edit)



# Smarthealthcare in Societal Challenges

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# Company expertise

## eXiT Research Group

- The eXiT group is research group involved in national and international research and transfer projects.
- The main research activity is focused on the application of artificial intelligence and machine learning to support decision-making processes.

This research is being conducted in mainly two application domains:



Smarthealthcare



Smartgrids

### The expertise we can offer:

Case Based Reasoning (CBR)   Multivariate Statistical Process Control

Data acquisition infrastructures   Reconstruction of sensors and "soft sensors"

Scheduling and resource optimization   Qualitative representation Of signals and trends

Augmented automation   Structured data mining

# Topic

- SC1-BHC-01-2019 Understanding causative mechanisms in co- and multimorbidities
  - To identify and validate causative mechanisms combining mental and physical disorders through the integration of basic, pre-clinical and/or clinical research.
- SC1-BHC-22-2019 Mental health in the workplace
  - To develop and implement intervention(s) that an employer/organization can take to promote good mental health and prevent mental illness in the workplace
- Objectives:
  - Learn patterns from clinical databases about persons suffering mental diseases
  - Monitor patients with current ICT approaches
  - Manage exogenous variables
  - Promote health through a recommender system
- Consortium underway. Looking for:
  - SMEs
  - Partners to hold pilots
  - [...]



## Contact details

Thank you!

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