



# BROKERAGE FOR HEALTH

## September 3-4 2018, Oslo

session (edit)



## Biomedical connected objects

### Dan ISTRATE

### UTC – BMBI UMR 7338 – Compiègne France



# Biomechanical and Bioengineering CNRS laboratory (BMBI) – Academic Research

## Main Skills:

- Connected sensors: signal processing, signal recognition
- Distress situations identification
- Serious games for rehabilitation
- EHG processing for premature birth prediction
- IoT and chronic disease
- EMG signals processing
- Biomechanical modelling

## Topic

- Innovative health and care systems: SC1-BHC-22-2019: Mental health in the workplace
- Infectious diseases and improving global health: SC1-BHC-19-2019: Implementation research for maternal and child health
- Rehabilitative-Assistive & Care Support Systems



## Previous project participation

- CompanionAble FP7 project: Elderly people with mild cognitive impairment assistive system (robotic and smart home)
- Safepregnancy@home Eurostar Project: wearable system for preterm birth prediction
- Emonitor'age National Project: smart home system for elderly people in nursing home
- ESwallHome National Project : swalling monitoring



## Contact details

Thank you!

Dan ISTRATE

[dan.istrate@utc.fr](mailto:dan.istrate@utc.fr)

<https://bmbi.utc.fr/>

<http://ebiomed.bmbi.utc.fr/>