



BROKERAGE FOR HEALTH

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session (edit)



Health Opportunities @ P.PORTO

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Polytechnic Institute of Porto

- One of the largest higher education institutions in Portugal
 - 24 research centres in several, inter-related areas
- Strong interplay of health and engineering
 - School of Health - largest PT higher education institution in healthcare technologies (2,500 students, ~300 staff)
 - School of Engineering – prestigious PT engineering school with more than 160 years, 6000 students, 500 staff
 - +10 research units in the areas of Engineering and Health



Some topics of research

- Human Movement System (HMS) Rehabilitation
 - HMS function, Health promotion and risk prevention, (Re)Habilitation of HMS (Dis)Functions, Impact of HMS (Dis)Functions & pain in activities and participation
- Psychosocial Rehabilitation
 - Neuro and social cognition, Recovery and social Innovation, Stress, Burnout and Burden, Aging and mental health, Virtual Reality and Rehabilitation
- Health and the environment
 - Occupational Health, Toxicology and Environment, (Bio) technology, Diagnostics and Therapeutics, Education and Health Promotion.

Topic

- SC1-DTH-05-2019: Large scale implementation of digital innovation for health and care in an ageing society
- SC1-DTH-10-2019-2020: Digital health and care services
- SC1-DTH-11-2019: Large Scale pilots of personalised & outcome based integrated care
- SC1-HCC-02-2019: Support for the large scale uptake of open service platforms in the Active and Healthy Ageing domain
- DT-TDS-01-2019: Smart and healthy living at home
- SC5 Climate challenge: SC5-14-2019: Visionary and integrated solutions to improve well-being and health in cities

Topic

- **Projects and ideas**

- Active Workstations to Promote Movement, Wellbeing and Productivity
- Automated analysis of walking movement patterns and eye-tracking of affective stimuli to predict psychosis onset in high-risk youths
- Platform for Decision Support in Health, Mobility and Human Activity
- Non-invasive technologies for decreasing abdominal fat cells as a strategy to decrease cardiovascular disease risk
- Development of Technologies for Stroke Rehabilitation Assisting
- Prevention of falls in older adults through technology



Contact details

Thank you!

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