

session

**COMPUTATIONAL INTELLIGENCE in  
ICT SOLUTIONS for HEALTH**

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Kadir Has University

## Kadir Has University

- Private university, Istanbul, Turkey
- Faculty of Engineering and Natural Sciences  
(Departments: Electrical, Computer, Industrial, Bioinformatics and Genetics)
- Focus: Computational intelligence, drug design, telecommunications, energy
- 10+ EU funded projects within the last 5 years

# Our project idea / expertise



#H2020PartnerHealth

## Intelligent ICT systems & services for integrated health care

- Use computational intelligence (statistical, neural network, fuzzy, genetic approaches) to implement fusion, analysis and interpretation of patient and care provider data, to improve decision making among formal and informal care givers and patients. Integration with personal hardware based monitoring devices. Intelligent processing of "Big Data" originating from sensors to develop Decision Support Systems based on predictive statistical models and/or purely empirical observations.
- **H2020 TOPICS: Innovative digital solutions for people, Health Research and Innovation Cloud data portal, ICT solutions –Data integration – AI, Innovation for active and healthy ageing, AI for the smart hospital - Pilot demonstration**
- **Partner seeks consortium/coordinator**

## Smart position, movement and activity monitoring with anomaly detection

- A software to be used for elderly, mentally handicapped, patients, staff, or children to monitor their movements in a certain area (indoor or outdoor) equipped with electronic beacons/sensors. Collected data will be processed using computational intelligence techniques for anomaly detection.
- TYPE OF PARTNER SOUGHT Hospitals for specifications, integration, prototyping, Company to develop mobile app, event detection algorithms Company to design, implement iBeacon placements Municipalities to place such iBeacons to form a platform/testbed
- **H2020: Digital transformation: Innovative digital solutions for people, Personalised risk prediction – ICT solutions –Data integration, Innovation for active and healthy ageing**
- **Partner seeks consortium/coordinator**

# Contact details



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