



TecMinho

<http://www.tecminho.uminho.pt>

## Bilateral Meetings

- Wednesday 10:40 h - 13:00 h
- Wednesday 14:00 h - 18:00 h

### Description

TecMinho is the Knowledge Transfer Office of the University of Minho. Main services: R&D and innovation partnerships; contract research; IP management, protection and licensing; ignition and acceleration programmes.

### Organization Type

Association/Agency

### Founding Year

1990

### Areas of Activities

### Other

### Offer

## Smart Walker for Mobility Assistance

In order to enhance the patients' life quality with mobility disabilities, the University of Minho developed an assistive smart walker device, able to support and aid the individual's locomotion capacity and rehabilitation. The present device includes a great variety of sensors and actuators, as well as an interface to read and interpret the user's command intentions. Providing physical support, cognitive and sensorial assistance, this safe and intelligent device was specially designed to promote the rehabilitation treatment of patients with ataxia.

### Cooperation Offered

1. Investment/Financing
2. License agreement

### Offer

## Microcooler device for drug-resistant epilepsy

Considering that an abnormal electrical activity is usually preceded by a brain temperature rising with the fact that the focal cooling of the brain to a surface temperature of 20 to 25°C can terminate epileptic seizures without neuronal damages, the present technology proposes a new device that is able to detect the onset of an epileptic seizure, sensing this increase in the brain temperature and cooling quickly the involved region to halt the event.

## **Cooperation Offered**

- 1. License agreement**
- 2. Investment/Financing**