

Manufacturing Engineering Centre, Cardiff Univ., UK

- **Accredited Centre of Excellence**
- **Coordination during FP6 – IST & NMP:**
 - 2 NoEs, 2 STREPs
- **Partnership during FP6 – IST & NMP:**
 - 3 IPs, 3 STREPs, 2 CAs, 1 SSA
- **Over €12.5 million EU funding since 2003**
- **Relevant projects include**
 - IPROMS
 - REHAROB, RESCUER

<http://www.mec.cf.ac.uk>



Robotic Gait Aid and Therapy (ROBO-GAIT)

Focuses on development of a portable device providing assistance and therapy throughout the day would greatly reduce the dependency of patients to rehabilitation centres.

Assisted locomotion can also help wheelchair patients to reach places that would be otherwise unreachable. A reconfigurable wheelchair frame can provide orthotic support to the user.

Objectives

- To develop a portable locomotion support device providing assistance and therapy throughout the day .
- To develop a reconfigurable wheelchair frame that can help wheelchair patients to reach places that would be otherwise unreachable.

Relevance to the Call

ICT-2007.2.2 Cognitive systems, interaction, robotics

Scale

- Duration: 3 years
- Total Budget: ~ €3.5 million (small & medium scale)
- Requested Budget ~ €2.7 million
- Consortium: 6 partners

- **Additional expertise required:**
 - Industrial Partner in Locomotion Therapy.

- **Contact details:**

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