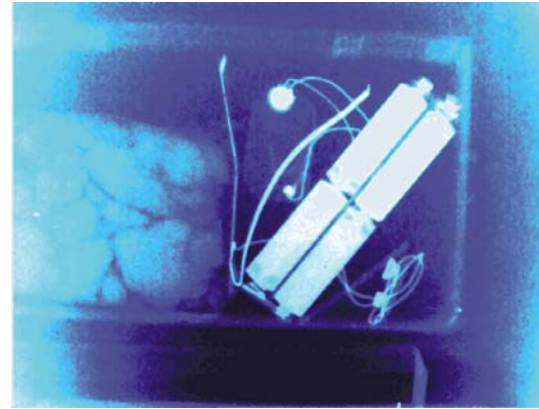


Manufacturing Engineering Centre, Cardiff Uni., UK

- **Some €7.2 million EC funding since 2003**
- **Coordination during FP6 – IST & NMP:**
 - 2 NoEs, 2 STREPs
- **Partnership during FP6 – IST & NMP:**
 - 3 IPs, 3 STREPs, 2 CAs, 1 SSA
- **Recent UK grants include**
 - €11.5 million MicroBridge - DTi and WAG
 - €1.5 million - Innovative Manufacturing Research Centre – EPSRC

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Suspicious Object Detection and Handling



Main Objective

Development of an intelligent system that is capable of locating, detecting and handling unattended goods in the framework of a public area under video surveillance.

Relevance to the Call

- **ICT-2007.2.2: Cognitive Systems, Interaction, Robotics**
 - Robots handling, individually or jointly, tangible objects of different shapes and sizes fully autonomously.
 - Robots, sensor networks and other artificial systems
 - Robust and versatile behaviour of artificial systems in open-ended environments.

Scale

- Duration: 3 years
- Budget: ~ €3million (small & medium scale)
- Consortium: 3-5 partners

- **Additional expertise required:**
 - Industrial manufacturer of mobile robots
 - R&D of robotic manipulator and handing control
 - Software development and integration
- **Contact details:**

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