


International Advanced Robotics Programme

Geoff Pegman
National Advanced Robotics
Research Centre




IARP Structure

Inter-governmental Body

No explicit funding

Member Countries:


Austria	Belgium	Canada	China
France	Germany	Italy	Japan
Korea	New Zealand	Russia	Spain
UK	USA	EU (Observer)	



IARP Aims

Charter: To promote the use of advanced robotic technologies to the benefit of people

Methods: Information Exchange
Workshops
Working Groups




Key Trends

Decline of central research programmes

Increasing activity in leisure robots

Increasing activity in medical robotics

Increased role for robotics in Framework 6 (versus Framework 5)



Working Groups

Humanitarian Demining

Robot Dependability

Safety, Security & Rescue Robots



Forthcoming Workshops

Participation by Invitation only

Humanitarian Demining (Belgium?)

Medical Robotics (USA)

Micro & Nano Robots (Russia)

Humanoid & Human Friendly Robots (Japan)

Safety, Security & Rescue Robots (USA)



Country Highlights

Belgium: Humanitarian Demining
Canada: Mining & Space Robotics
China: Humanoid & Micro-manipulating Robots
France: Underwater & Medical Robotics
Germany: Medical & Space Robotics
Italy: Field & Space Robotics



Country Highlights

Japan: Humanoid, Leisure & Medical Robotics
Korea: Personal, Defence & Rehabilitation Robotics
Russia: Micro-, Mobile / Climbing Robotics
Spain: Shipbuilding /repair, Civil Engineering & Service Robots
USA: Medical & Security Robots