Human Robot Interaction

Safety

Human Machine Interface

Human Robot Collaboration

"Better Interaction"

Perception

Sensing

Interpretation

Navigation

Mapping

Localisation

Motion Planning

"Better Action and Awareness"

Systems Development

System Design

System Architecture

System of Systems

Systems Engineering

System Integration

Modelling and Knowledge Eng.

"Better Systems and Tools"

Mechatronics

Power Management & Supply

Mechanical Systems

Communications

Sensors

Actuators

Control

Materials

"Better Machines"

Cognition

Action Planning

Knowledge Representation & Reasoning

Learning, Development & Adaptation

Natural Interaction

Cognitive Architectures