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Conclusion (1 of 2)

Keywords: robotics, cognitive systems, human and social interaction

Project Objectives (technical outcomes)

- · Novel mobile integrated system, capable of autonomous action, cooperative behavior, and robot-human interaction:
- Infrastructure suitable for assessing some specific, focused R&D results and for benchmarking alternative approaches
- Key components to be possibly transferred to other systems
- Methodology and web engine for objectively and quantitatively assessing cognitive properties (e.g. capabilities or requirements)

Switzerland-Taiwan Bilateral Seminar on Mechatronics for Nanotechnology and Medical Technology, Taipei, 14.1.2008

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Conclusion (2 of 2)

Project Objectives (socio-economical impact)

- Huge application potential:
 - ageing and social progress make the population less able and willing to handle many of home tasks and chores
 general concern for security is another factor making this project
 - outcome attractive
 - manufacturing could also benefit from these results, both as improvements in production technology and as novel goods to be produced
 - our quantitative approach allows for a better assessment and related decisionmaking in cognitic domains

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