

COGAIN Integration



Topics for future collaboration

POLITO

Topics



- Intelligent Domotic Environments
- Accessible Communication Applications
- Experimentation with patients

Intelligent Domotic Environments



- Recent results: Domotic House Gateway (DOG)
 - Formal (semantic) modeling of environment and automation devices
 - Integration with different brands of automation technology
 - Open interface to develop applications
- Possible projects:
 - Human-House interaction paradigms
 - Intelligent Autonomous/Autonomic House behaviors
 - Integration of Environment and Mobility control

Accessible Communication Applications



- Generalized grid-like environments
 - Symbolic or alphabetic communication
 - Prediction and customization
 - Open-source development platform (Mozilla)
- «Embedded» interfaces
 - For web browsing
 - For environmental control
 - ...

Experimentation with patients



- In collaboration with Hospital “Le Molinette” / University of Torino
 - ALS Center
 - Other types of patients