CINI Assistive Technologies National Lab

Mission
- Stimulating the advancement of assistive technology for the benefit of people with disabilities and for the inclusion of elderly people
- Structuring and orchestrating Italian academic excellences in Assistive Technologies
- Fostering synergies and collaboration with all stakeholders, from end-user needs to Assistive Technologies provisioning, through research and technology transfer

Motivation
- Huge gap between ICT technology potential and Assistive Technology solutions available on the market
- Proven competence in the field available at CINI: nearly 50% of CINI Research Units with the involvement of more than 150 researchers
- Fostering synergies and collaborations by means of a National Lab in Assistive Technology
- Becoming the main actor in Assistive Technology Research in close collaboration with all stakeholders
- Main national reference contact for EU initiatives
- Implementing large research initiatives
Main Research Areas
Assistive Technology is a truly multidisciplinary field. CINI Research Units gained deep competence in many research areas through the collaboration of all stake-holders (end-user associations, government bodies, public health system, educational system, companies, etc.):

- Accessible Environments
- Ageing, Disability and Technology
- Alternative and Augmentative Communication
- Ambient Assistive Living / Domotics
- Autism
- Care Technology (monitoring, telecare)
- Cognitive Impairments
- Computer Access
- e-Accessibility
- Education and Training in AT
- e-Inclusion
- HCI and Multimodal Interfaces
- Healthcare and Rehabilitation
- Integrated Solutions for Mobility and Communication
- Knowledge / Technology Transfer
- Motor Limitations
- Robotics (assistive and educational)
- Sensory Impairments, including deafness, blindness, and deaf-blindness
- Special needs education

CINI Nodes involved in Assistive Technologies
- Università di Pisa
- Università di Genova
- Politecnico di Milano
- Università di Catania
- Università di Bari
- Politecnico di Torino
- Università di Bologna
- Università di Brescia
- Università di Firenze
- Università di Napoli
- Università Milano Bicocca
- Università di Roma La Sapienza
- Università di Ferrara
- Università di Torino
- Università di Trento
- Università di Messina

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