

# AAL in bathroom / toilet

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## Who We Are

- Human Computer Interaction (HCI) Group at Inst. of Visual computing and Human-Centered Technology at TU Wien
- Multidisciplinary, long term experiences in Assistive Technology and AAL; user oriented, participatory, a focus on real life usage, ethics
- <http://igw.tuwien.ac.at/hci/>
- <http://www.aat.tuwien.ac.at>



# Make existing toilets smarter

- Coordinator of current iToilet AAL project
  - Creating and evaluating ICT supported toilet systems
  - Current focus on standing up support for autonomous use
  - Demonstration video <http://itoilet-project.eu>
- Our Vision: adding further features to this new platform
  - Assisting dehydration and state monitoring/documentation
  - Providing guidance of use to disoriented persons
  - Integration with (smart) AAL technology in the home

## Project idea



# Looking for

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- Companies with sound expertise in bio-impedance/body parameter measurement (e.g. target: dehydration measurement on toilet seat)
- User partners expertise and interest in
  - Dehydration
  - Guidance support to older persons in toilet
  - Evaluation of early systems