

## Franz Puehretmair and Gerhard Nussbaum

### Competence Network IT to Support the Integration of People with Disabilities (KI-I), Linz, A



**Franz Puehretmair** is scientific and managing director.

He studied at the Johannes Kepler University Linz computer science and data engineering, and received his degrees in 1997. In 2003 he finished his PhD at the Johannes Kepler University Linz. From 1996 to 2003 he was research assistant and project manager at the Institute for Applied Knowledge Processing at the Johannes Kepler University Linz.

During his work he was involved in numerous projects directly with industrial and business partners as well as national research projects and European Community founded projects in the areas of technologies for people with disabilities, accessibility and usability of modern IT, e-government, medicine and tourism applications. He was speaker at various international conferences (AAATE, CAiSE, DEXA, EC-Web, ICCHP, iiWAS, ENTER and Vision Plus)



**Gerhard Nussbaum** is project manager, technical engineer and research assistant.

He studied computer science at the Johannes Kepler University Linz and graduated with distinction in 2003. He was speaker at various international conferences (AAATE, ICCHP, ICOST, Mensch & Computer).

His current research work is related to the use of information and communication technology to enable the integration of people with disabilities that concerns the field of assistive technology as well as accessibility and usability of modern IT and the Internet. His special fields of research are smart environments, environmental control and mobile computing.

## Accessible presentation of information in electronic media

### Abstract

The supply of travellers with information of different manner is very important for the use of public transport. Be it a timetable, ticket information or announcements at platforms, much of this information is already represented digitally, in any way.

Especially for people with disabilities the digital information representation is very useful. In order that this information can be perceived by the biggest group of travellers possible, several criteria have to be taken into account for the way the information is represented.

The presentation "Accessible presentation of information in electronic media" gives an introduction into basic techniques to present information as accessible as possible. These techniques will be discussed and explained in more detail with the example "Accessible information representation in the Internet".