

Cluster of Excellence on Multimodal Computing and Interaction

Perfecting access to digital content

Today, digital content comes in different forms, such as language, images, films, 3D models and databases. The Cluster of Excellence wants to make this content as readily available as possible and is working to enhance capabilities: computer systems should learn to analyze and interpret even incomplete or noisy data, to process the knowledge acquired and present it in real time. Information should not only be communicated but intelligently mined, understood and organized. This is the goal the Cluster of Excellence has set itself. Information systems are also expected to interact with humans naturally, to consider the environmental context, to respond to language, text and gestures, and to answer appropriately. This requires new systems to be created in which all this occurs as naturally and as intuitively as possible.

Partners:

- Saarland University (applicant – speaker)
- Max Planck Institute for Informatics, Saarbrücken
- German Research Center for Artificial Intelligence, Saarbrücken
- Max Planck Institute for Software Systems, Saarbrücken

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