

## 15th KUI Conference "Culture and Computer Science"



**XV. Conference Culture and Computer Science**  
**May 18-19, 2017 – Bode-Museum, Berlin DE**

The 15th edition of the "Culture and Computer Science" conference series focuses on best practice examples, challenges and future trends of mixed reality as a strategy to bring the world of data and information and the world of objects and things into even closer contact. Combining digital and analogue techniques of modelling, collecting, mediating, exhibiting, and teaching is one of the most challenging tasks of today's cultural and creative industries. The conference targets cultural policy makers, communication and media scientists, cultural and artistic actors as well as computer scientists and engineers, who conduct research and development in the fields of mixed reality, 3D technology, media integration, modelling, visualisation and interaction.

The presentations will discuss the following key topics:

- Mixed Reality
- Augmented and Virtual Reality
- Acoustic and auditory augmentation
- Human-machine interaction with virtual content
- Interrelations between culture and computer science
- Collections ? Exploitation, design, exhibition and conveyance
- Intuitive and personalised usage of media systems
- Ethics in culture and computer science

These items shall primarily be analysed, demonstrated and critically discussed through concrete examples for museums, collections, art projects, or further cultural and creative fields.

Further Key Aspects of the Conference:

- Mixed Reality technologies
- Augmented Reality and Virtual Reality technologies
- 3D technologies
- Digitalisation in the cultural and creative industries
- Visualisation and interaction technologies
- Interactive multimedia solutions for museums, theatres, concert halls, exhibitions etc.
- Digital exhibitions, science centres, museums and galleries
- Virtual reconstructions
- Location-based and context-sensitive services in a cultural context
- Documentation, visualisation and interaction in museums and archives

- Digital storytelling
- Multimedia guides with Augmented Reality components
- Historical, theoretical, or ethical issues concerning the use of virtual and augmented reality

More info: <https://inka.htw-berlin.de/kui/17/about>

Call for papers open until 16th January: <https://inka.htw-berlin.de/kui/17/call>