Institute of
Creative\Media/Technologies

Interdisciplinary research on human-centered interactive technologies and media of the future
Institute of Creative\Media/Technologies

The IC\M/T conducts human-centered, interdisciplinary research on media and interactive technologies, with the view towards strengthening the university’s academic programmes and advancing scientific discovery. The institute consists of four research groups with a team of 30+ researchers: Digital Technologies, Media Business, Media Computing and Media Creation.

Our Offer

We perform basic and applied research, carry out contract research and conduct consulting projects. Our network in academia and industry includes highly specialized regional SMEs as well as global industrial players and top-ranked international universities.

Our R&D projects combine research of media across an extensive range of fields: informatics, business & economics, art & design as well as media production.

We are pleased to assist you in the development of research ideas and R&D strategies as well as in the search for cooperation opportunities for large-scale international or interdisciplinary projects.

Our Research Groups

- **Digital Technologies:** Human-machine interfaces, physical computing, virtual & augmented reality, production planning & control, blockchain
- **Media Business:** Industry analyses, business models, media use, social media and web analytics, data mining
- **Media Computing:** Human-centred computing, computer vision, visual analytics, multimedia processing, auditory display
- **Media Creation:** Audio-visual media such as film, video & television, immersive media, and animation

▶ Please contact:
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Our Research Topics

Artificial Intelligence & Visual Analytics
- Computer Vision
- Human-Centered AI
- Machine Learning
- Pattern Analysis
- Social Media Analysis

Media Markets & Management
- Business Models & Innovation
- Customer Journey
- Media Economics
- Media Governance

Digital Transformation & Smart Manufacturing
- Blockchain Technologies
- Future Work & Education
- Healthcare Technology & Assisted Living
- Industrial Internet of Things
- Stochastic Production Planning & Control

Human-Computer Interaction & Visualization
- Augmented & Virtual Reality
- Gamification
- Information Visualization
- Sonification
- User Experience

Media Production & Media Art
- 3D Sound Design
- Digital, Transmedia- & Multimodal Storytelling
- Format Development
- Immersive & Extended Media
- Interactive Installations & Performances

Media Studies & Ethics
- Communication Studies
- Film, Animation & Game Studies
- Gender Studies
- Media Literacy & Socialization
Research at IC\M/T in Numbers

EUR Research turnover
55
46
37
> 950 k
Publications & Journal articles
Research projects
Active researchers

Contact
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Head of Institute
Wolfgang Aigner

Projects
Current projects can be found here:
icmt.fhstp.ac.at/en/projects

Heads of Research Groups
Thomas Moser (Digital Technologies)
Michael Litschka (Media Business)
Matthias Zeppelzauer (Media Computing)
Georg Vogt (Media Creation)