

COMET Centre (K1)

VRVis K1

VRVis K1 Centre for Visual Computing



>> **Main location:** Vienna

>> **Other locations:** Graz, Styria

>> **Thematic focus**

Visual Computing, Image Analysis, Data Science, Extended Reality, Artificial Intelligence, Reconstruction, Visual Analytics, Simulation, Visualization

>> **Planned realisation and outcomes**

Today, data-based decisions form the basis for sustainable development, innovative research and economic success. The VRVis research program creates innovative tools that implement efficient and effective decision workflows even for very complex and large data sets. The focus is on the human being, who remains integrated in decision-making, data processing, data analysis or data acquisition processes through appropriate user interfaces, optimized visualizations and interaction. With its research, VRVis covers the entire pipeline, from AI-supported data analysis to customized visualization solutions for complex data. Partners come from the fields of medicine, life sciences, environment, construction industry production, geology and many more.

>> **History of establishment**

Founded in 2000 in the funding programme Kplus, from 2008 – 2010 VSOE funding, since 2010 COMET K1 Center.

>> **Selected partners**

Company partners (max 10)

1. Austrian Power Grid AG
2. AVL List GmbH
3. Dibit Messtechnik GmbH
4. GE Healthcare Austria GmbH & Co OG
5. Geodata ZT Gesellschaft mbH
6. HAKOM Solutions GmbH
7. ÖBB Infrastruktur GmbH
8. RHI Magnesita GmbH
9. rmDATA GmbH
10. Zumtobel Lighting GmbH

Scientific partners (max 5)

1. AIT Austrian Institute of Technology GmbH
2. Graz University of Technology
3. JOANNEUM RESEARCH
4. TU Wien
5. University of Vienna

International partners (max 3)

1. HILTI Corporation (Liechtenstein)
2. Agfa Healthcare NV (Belgium)
3. StEB Köln (Germany)

>> **Duration of the COMET Centre: 01.2017 – 12.2024 (8 years)**

>> **Staff employed at the Centre: 75 FTE, thereof 66 FTE researchers**

>> **Management of the Centre**

Dipl.-Ing. Dr. Gerd Hesina, VRVis, CEO

Dipl.-Math.ⁱⁿ Dr.ⁱⁿ Katja Bühler, VRVis, Scientific Director

>> **VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH**

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Status 29.03.2021