

### **DIRECTIONS**

Lüneburg \_ Lenzen Castle \_ Hamburg

### **MECS**

# Institute for Advanced Studies on Media Culture of Computer Simulation

MECS is an Institute for Advanced Study on ,Media Cultures of Computer Simulation' funded by the German Research Foundation (DFG) at Leuphana University Lüneburg.

Envisaged for a period of eight years, MECS began it's work in April 2013.

The research focuses on the question of which problems and knowledge constellations can be answered by computer simulation (CS), which new forms of knowledge CS generates and to what extent it represents a historical break.

The epistemological relevance and the wideranging applications of computer simulations are based on the fact, according to the initial hypothesis, that the constellations are fundamentally different for the various spheres of knowledge.

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## **LOCATION**

MECS

#### **Bio Hotel Lenzen Castle**

Lenzen Castle – the visitors and conference centre in the heart of the UNESCO biosphere reserve Elbe river landscape is situated picturesquely above the Elbe valley meadows. This area lay for decades in the shadow of the border between the former East and West Germany. Today it has evolved to become an unique natural scenery.

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### **LOCATION**

Lenzen Castle

#### DKRZ

#### (German Climate Computing Center)

DKRZ, the German Climate Computing Center, provides the tools and the associated services which are needed to investigate the processes in the climate system: Computer power, data management, and guidance to use these tools efficiently. As a national service provider, DKRZ operates a supercomputer center to enable climate simulation and provides the scientific users with the technical infrastructure needed for the processing, analysis, and preservation of climate data. This also includes support for related application software, and advice and support in data processing issues. Finally, DKRZ also participates in national and international joint projects with the aim of improving the infrastructure for climate modeling.

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### **LOCATION**

DKRZ (German Climate Computing Center)