- Information Science and Inter-disciplinary Long-term Strategies -
Key to Insight, Consistency, and Sustainability: Conceptual Knowledge Reference Methodology Spanning
Prehistory, Archaeology, Natural Sciences, and Humanities

Dr. rer. nat. Claus-Peter Rückemann
Westfälische Wilhelms-Universität Münster (WWU), Münster, Germany
Unabhängiges Deutsches Institut für Multi-disziplinäre Forschung (DIMF), Germany
Leibniz Universität Hannover, Hannover, Germany

Inter-disciplinary collaboration tasks, integrating disciplines, need special approaches from information science as well as from informatics and technology. Successful integration requires long-term strategies.

The goal of this tutorial is an advanced understanding of information science, knowledge, and its contexts in scientific, computational, technical, and management disciplines. Information science comprises the fields of collection, documentation, classification, analysis, manipulation, storage, retrieval, movement, dissemination, and protection of information.

The key to insight, consistency, and sustainability of conceptual knowledge context for day-to-day application is a solid information science fundament. The tutorial presents a consistent and sustainable conceptual knowledge reference methodology and information science implementation, spanning a practical scenario from prehistory and archaeology to natural sciences and humanities.

This tutorial addresses to all interested users and creators of knowledge and data, in various disciplines, information science, prehistory, archaeology, geosciences, environmental sciences, social and life sciences, as well as to users of advanced applications and providers of resources and services, e.g, library science and High End Computing. There are no special informatics prerequisites or High End Computing experiences necessary to take part in this tutorial.