







#### INVESTMENTS IN EDUCATION DEVELOPMENT

### Scientific stay

Johannes Kepler Universität Linz

Tomáš Kühr

July 26th - August 25th 2011

ICIU, Palacky University

#### Linz

- is the third largest city of Austria,
- and capital of the state of Upper Austria (Oberösterreich),
- located approximately 30 km south of the Czech border
- on both sides of the river Danube.
- City population: 189,367.
- See http://linz.at/ for more information.







## Johannes Kepler Universität (JKU)

- established in 1966.
- University status awarded in 1975.
- JKU consists 3 faculties (F. of Social and Economic Sciences, F. of Sciences and Engineering, F. of Law) and Science Park.
- JKU has approximately 18,000 students (2,000 from abroad) and employs over 2,500 staff.
- Campus is located in the northeast of Linz in a 364,000  $m^2$  park.
- See http://www.jku.at/ for more information.







### Ulrich Bodenhofer

- Associate professor at Institute of Bioinformatics, JKU Linz
- Topics of active research:
  - Machine learning in bioinformatics,
  - Classification of biological sequences using kernel methods,
  - Prediction of operons and regulons from gene expression data,
  - (Bi-)clustering of gene expression data.
- Former research topics:
  - Theory and applications of fuzzy relations,
  - Fuzzy rule-based machine learning and interpretability of fuzzy systems.
- For more information, see <a href="http://www.bioinf.jku.at/people/bodenhofer/">http://www.bioinf.jku.at/people/bodenhofer/</a>.

#### Thomas Vetterlein

- Scientific assistant at Dept. of Knowledge-Based Mathematical Systems, JKU
- Research topics:
  - Logics for reasoning under uncertainty and vagueness,
  - Many-valued logics and related algebras,
  - Expert systems (in medicine),
  - Foundations of logic and mathematics,
    classification and representation of natural-language statements.
- See http://www.flll.jku.at/staff/vetterlein for more information.

#### Temur Kutsia

- Associate professor at Research Institute for Symbolic Computation, JKU
- Research interests:
  - Unification, rule-based programming,
  - Automated reasoning,
  - Symbolic computation techniques for unranked terms and hedges
  - and their applications in software science and web systems.
- For more information, see <a href="http://www.risc.jku.at/~tkutsia/">http://www.risc.jku.at/~tkutsia/</a>.

# Some pictures





