Science of Computational Logic

- Propositional / First Order Logic
- Equational Logic
- Modal Logic
- Higher Order Logic
- Abduction and Induction
- Logic Data Bases
- Non-Monotonic Reasoning
- Program Development
- Natural Language Processing
- Machine Learning
- Logic and Agents
- Logic and Law
- Neural Symbolic Integration
- Logic and Cognition
Science of Computational Logic

- Propositional / First Order Logic ⇝ Logic, Description Logic
- Equational Logic
- Modal Logic ⇝ Advanced Logic
- Higher Order Logic ⇝ Advanced Logic, Interactive Theorem Proving
- Abduction and Induction
- Logic Data Bases
- Non-Monotonic Reasoning
- Program Development
- Natural Language Processing ⇝ ESSLLI 2009
- Machine Learning ⇝ Dr. Petersohn (currently in German)
- Logic and Agents ⇝ Foundation of Agent Programming, Intelligent Agents
- Logic and Law
- Neural Symbolic Integration
- Logic and Cognition