

## **Course Descriptions CiE**

**Course code: -**

**Course title : Physics of Logic**

**Hours per week: 2**

**Semester: -**

**Number of Credits allocated/work load: 2**

**Course contents: modern developments in physics, biology, and computer science**

**Prerequisites: school knowledge of elementary mathematics and physics up to vectors and differentials**

**Objective of the course/learning outcome: to understand why the Universe can be visualized as a quantum computer and what that means in practical terms**

**Recommended Reading: my Spinoza paper: <http://www.arxiv.org/pdf/gr-qc/0004077>**

**Teaching methods: colloquial lecturing style**

**Assessment methods: written examination**

**Language of instruction: English**

**Name of lecturer: Rainer E. Zimmermann (13 AW)**

**Email: [rainer.zimmermann@fhm.edu](mailto:rainer.zimmermann@fhm.edu)**

**Link: <http://h2hobel.phl.univie.ac.at/asp/zimmermann.htm>**