

Course title: Unconventional computing

Course code: 63512

ECTS: 6

Professor: Miha Mraz

Master's program

Short course description:

- I. Unconventional processing platforms: quantum dot cellular automata, quantum computing, MEMS/NEMS devices, Optical computing DNA processing, nanotubes, etc.
- II. Unconventional processing approaches: amorphous computing, reversible computing, multistate and analogous computing, bio inspired computing, etc.