

Doctoral Thesis Theme 2015/2016
Study programme: APPLIED INFORMATICS
Study specialization: APPLIED INFORMATICS

Supervisor: Prof. Jan Čapek, CSc.

1. Modelling of the Privacy and Access Management
2. Image Processing

Supervisor: Assoc. Prof. Petr Hájek, Ph.D.

1. Evolutionary Intuitionistic Fuzzy Inference Systems
2. Interval-valued Fuzzy Inference Systems

Supervisor: Assoc. Prof. Jiří Křupka, Ph.D.

1. Models Synthesis and Analysis on the basis of “System Dynamics”
2. Synthesis and Analysis of Models – “Fuzzy”, “Rough” and “Predictive” Controllers

Supervisor: Assoc. Prof. Pavel Petr, Ph.D.

1. Extraction of Information from Social Networks
2. Fuzzy Methods in Project Management
3. Project Management using of Computational Intelligence
4. Visualization and Data Mining for Multidimensional Data Sets
5. Creation of the Timesheets in the Academic Environment

Supervisor: Prof. Vladimír Olej, CSc.

1. Modelling of Economics Processes by Artificial Immune Systems
2. Possibility of Systems Modelling with Uncertainty by Intuitionistic Fuzzy Sets

Supervisor: Assoc. Prof. Stanislava Šimonová, Ph.D.

1. Modelling Capabilities for Monitoring the Performance Quality to Support Regional Development
2. Method Design of Quality Monitoring based on Data Sources of Organizations