

# EEICT 2010

## Obsah

### Předmluva

### Magisterské projekty

#### Informační systémy

##### Ďurfina, L.

Native Support for DEB Packages in Spacewalk .....

##### Halfar, P.

Secure Transport for System Monitoring .....

##### Hlosta, M.

Cluster Analysis Module of Data Mining System .....

##### Hrozek J.

Penetration Testing of Open Source Software .....

##### Kubiček, J.

Risk Management Support System .....

##### Mecera, M.

Transformation from C to VHDL Language .....

##### Pešek, M.

Mining Association Patterns in Spatio-Temporal Data .....

##### Piwko, K.

NeXD: Native XML Interface for a Relational Database .....

##### Richter, J.

Distributed Brute Force Attacks Protection .....

##### Zelený, J.

Analysis of Performance and Design Problems of RPM Database .....

##### Zemek, P.

k-Limited Erasing Performed by Regular-Controlled Context-Free Grammars .....

#### Grafika a multimédia

##### Bílek, J.

Energy Management Primary Flight Display .....

##### Hochman, Z.

Moving Objects Detection in Video Sequences .....

##### Hranáč J.

Languages and Compilers in Computer Games .....

##### Jablonský, V.

Automatic Creation of 3D Models in Application Blender .....

##### Lengyel, K.

Medical Data Rendering in Real-Time .....

<b>Pouliček, Z.</b>	Multiuser Mapping Application for Pocket Devices .....
<b>Švéda, P.</b>	Urban Traffic Simulation .....
<b>Tureček, M.</b>	Face Detection in Camera Image on a Mobile Phone .....
<b>Vanek, J.</b>	Performance Evaluation of Graphics Accelerator .....
<b>Veselý, K.,</b>	Parallel Training of Neural Networks for Speech Recognition .....

## **Počítačové systémy**

<b>Horáček, M.</b>	Optical Characterization of Thin Films Using Evolutionary Techniques .....
<b>Kaplan, T.</b>	Evolutionary Design Method of Multipliers Using Development .....
<b>Majer, T.</b>	Gateway in ZigBee networks .....
<b>Malina, L.</b>	Secure Authentication in Privacy Protection Systems .....
<b>Nováček, A.</b>	Anchor Free Localization of Nodes in Wireless Sensor Field .....
<b>Novotňák J.</b>	Hardware Accelerated Encryption of Network Communication .....
<b>Polčák, L.</b>	Header Field Extraction Using FPGA .....
<b>Tomec, M.</b>	Optimization of Voice Recognition for Mobile Devices .....
<b>Vajsar, P.</b>	Wireless Sensor Network Monitoring .....

## **Intelligentní systémy**

<b>Doležel, M.</b>	Detection of Fingerprint Area in Image .....
<b>Herman, D.</b>	Navigation of Autonomous Outdoor Mobile Robot .....
<b>Kacina, M.</b>	Model of Game Industry .....
<b>Lengál, O.</b>	An Efficient Finite Tree Automata Library .....
<b>Liška, J.</b>	Wireless Networks Displaying on PDA .....

<b>Luža, R.</b>	
Recognition of Material by Robotic Hand .....	
<b>Mráček, Š.</b>	
3D Face Recognition .....	
<b>Muller, P.</b>	
A Tool for Analysis of Dynamic Memory Allocators .....	
<b>Procházka, B.</b>	
An Attack on the Linux System Call .....	
<b>Vyvial, P.</b>	
Static Detection of Common Bugs in JBoss Application Server .....	