

Thursday, August 10, 2006

8:30 – 12:30

Hall A

**Special Focus Symposium on Neuronic / Operations Research,
Security of Information / Engineering Cybernetics**

Joint Chairs: Ing. Petr Tomeček, University of Defence, Brno, Czech Republic
Ing. Petr Hruža, University of Defence, Brno, Czech Republic

A Model of Neuron with Fuzzy selection of Threshold

by Profs. A. Garces M., J.L. Perez S., F. Lara-Rosano, A. Miranda V.
National University of Mexico (UNAM), Mexico City, Mexico

**A Model of Neuron V/F, Leaky Integrator, Frequency Threshold F/V,
and Blasts with Delay**

by Profs. J. L. Perez S., A. Graces M., F. Lara-Rosano, A. Miranda V.,
National University of Mexico (UNAM), Mexico City, Mexico

Importance of the Human Factor in the Area of Security Information

by Ing. Oldřich Luňáček, Dept. of Communication and Information Systems,
Faculty of Military Technology, University of Defence, Brno, Czech Republic
Prof. Petr Hruža, University of Defence, Brno, Czech Republic

Possibility of Computer Arracks in Information Warfare

by Ing. Petr Tomecek and Ing. Petr Hruza, Institute of Operational and Tactical Studies,
University of Defence, Brno, Czech Republic

COFFEE BREAK 10:30 – 10:45

WiMax and Its Possibilities of Use in the Army

by Ing. Kamil Halouzka, Dept. of Communication and Information Systems,
Faculty of Military Technology, University of Defence, Brno, Czech Republic
Prof. Petr Hruža, University of Defence, Brno, Czech Republic

Usage of GF-TCCS in Crisis Situation

by Ing. Petr Hruza and Ing. Petr Tomecek, Institute of Operational and Tactical Studies,
University of Defence, Brno, Czech Republic

**Prediction, Forecasting and Assessment of Crises Situations, Unexpected Disasters, and
Catastrophic Events**

by Prof. George E. Lasker, International Institute for Advanced Studies in Systems Research and
Cybernetics (IIAS), Tecumseh, ON, Canada

A Study of Game Strategy Developed by the Genetic Programming

by Prof. Koun-Tem Sun and Prof. Cheng-Yen Wu, Institute of Computer Science and
Information Education, National University of Tainan, Tainan, Taiwan

The Cybernetics of Technological Dependence: A Systemic Model – (Keynote Address)

by Prof. Felipe. Lara-Rosano, National University of Mexico (UNAM), Mexico City, Mexico