

List of Presentations

INVITED LECTURES

Brestenská B., Baranovič R., Kalaš I., Mandiková K., Sýkora P.

Infovek Slovakia Project creates the modern school and information society in Slovakia

Jablonski R.

Inter – Academic multimedial techniques

Jaroševič A., Fabo P.

Physical principles and engineering applications of elasto – magnetic method

Mendelova E.

Moving towards an inclusive community: Philosophy of support of education of visually impaired students at Comenius University

Moczó P., Kristek J.

Recent problems in modeling seismic motion

Morvová M., Morva I., Lukáč P., Hanic F.

Plasmochemical reactions in electrical discharges for environmental applications

Rudy J.

Management Education in the Changing Business Environment

Teplanova K.

Comenius' Schola Ludus in the 21st century

Yamaguchi T.

Implementing active learning based on Meta-learning

NATURAL SCIENCES, INFORMATICS, MEDICINE and ENGINEERING

Abe H., Yamaguchi T.

Evaluating the automatic composition of inductive applications using StatLog Repository of Data Set

Hajossy R., Žáčik T.

Thermodynamics in the long-distance transport of natural gas

Hajossy R., Huček A., Somora P., Žáčik T.

Acceleration of the computations in gas transport optimization (Method of pipeline networks simplification)

Hashimoto T., Kumaoka Y., Takebe A., Yamamoto S., Abe M.

A research on the vehicle navigation method using beams of light for cooperative tasks

Hatanaka Y., Anma H., Takatsuka H.

Deposition of hard coating film on polymer surface by plasma CVD

Hayakawa K., Nakamura T., Yonezawa H., Tanaka S.

Detection of damage and fracture of forging die by fractal property of acoustic emission

Singh C.D., Shibata Y., Fujinami T., Ogita M.

Launching condition effect on CMC detecting optical fiber sensor based on the adsorption effect

Koezuka Y., Izumi N., Yamaguchi T.

Supporting the construction of learners' Community with ontologies

Komori M., Abe H., Yamaguchi T.

Combining filter method and seed method for new feature selection in data mining

Korzec D., Finantu-Dinu E. G., Engemann J., Štefěčka M., Kando M., Černák M., Ráhel' J.

Potential of planar dielectric barrier discharges for technological applications

Kubota Y., Nakamura T., Kobayashi M., Fukuda K.

Strength Evaluation of Aluminum Alloy Bolt by Nano-Indentation Hardness Test

Kumagawa M., Balakrishnan K., Iida S., Nagai H., Zhang G., Koyama T., Hayakawa Y.

A new technique to grow high quality InGaAs semiconductors

Kumagawa M., Kimura T., Murakami N., Balakrishnan K., Arafune K., Okano Y.,

Ozawa T., Koyama T., Hirata A., Imaishi N., Dost S., Dao L.H., Hayakawa Y.

Gravity effects on melting and crystallization of InGaSb semiconductors

Nagare T., Suzuki Y.

Intermittence hard turing of hardened steel

Nakaya N., Kurematsu M., Yamaguchi T.

Building up domain ontologies from a machine readable dictionary and text corpus

Sato Y., Hatazawa H., Ohsaki M., Yokoi H., Yamaguchi T.

A rule discovery support system in chronic hepatitis datasets

Terai K., Izumi N., Yamaguchi T.

Supporting the whole engineering processes of business applications with Multi-Grain-Size Repository

Ueno M., Izumi N., Yamaguchi T.

A repository based environment with implementing software agents for personal tasks

Várkonyi-Kóczy A.R., Baranyi P.

SVD based modeling and control of nonlinear systems

Zajičková L., Buršíková V., Peřina V., Macková A., Dvořák P., Janča J.

Low pressure plasmachemical deposition and characterisation of protective coatings

PEDAGOGICAL SCIENCES AND MANAGEMENT

Araki N.

Introduction of Shizuoka University

Kando M.

Introduction of the Graduate School of Electronic Science and Technology, Shizuoka University

Kumagawa M.

Introduction of research activities at research institute of electronics

POSTERS

Aoki T., Nakamura A., Niraula M., Tomita Y., Hatanaka Y.

p-i-n CdTe multi-pixel detector for gamma-ray imaging fabricated by excimer laser processing

Buršíková V., Štáhel P., Janča J.

Enhancement of the material surface properties by plasma deposition of thin films at atmospheric pressure

Buršíková V., Zajíčková L., Buršík J., Janča J.

Mechanical properties of the plasma deposited thin films prepared from mixture of methane, hexamethyldisiloxane and hydrogen

Etoh A., Talukder M. R., Korzec D., Kando M.

Langmuir probe measurement of high-pressure microwave plasma in helium, argon, hydrogen and nitrogen

Foltin V., Cingel M., Matejíček Š., Cicman P., Scheier P., Lukáč P., Märk T.D.

Two Crossed Beam Apparatuses for Study of Electron Attachment Reactions.
Running project „Systematic investigation about the energetics involved in electron attachment (EA) to a series of haloalkanes”

Gustafik P., Sugihara O.

Optical polymeric waveguide grating fabricated by cold UV stamping

Kaki K.

A model analysis of neutron distribution of ^{208}Pb based on the relativistic impulse approximation

Labanc A.

High voltage pulsed source for plasma diagnostics

Macko P.

Cavity Ring-Down spectroscopy for plasma diagnostics

Madarász J., Bombicz P., Okuya M., Kaneko S., Pokol G.

Coupled TG-FTIR and TG-DTA-MS analysis of evolved gases from thiourea and its dichlorotin(II) complexes

Matsuda T., Matsui S., Sato M.

Optimum tooth-surface design for axis-displaced gears (Application of the concept to cylindrical worm gears)

Matsuda T., Sato M.

Development of torsional damper with crowds of solid balls for engine crankshaft

Odrobina I., Hajosy R.

Numerical Model of Natural Gas Flow in Pipeline System

Ogino A., Muramatsu T., Kando M.

Development of an emitter for exclusive use of solar energy driven thermionic energy converter

Ogino A., Nagasaka M., Kando M.

Application of high pressure microwave discharge with coaxial electrode arrangement to metal thin film deposition

Ogino A., Kando M.

Electric power generation by solar light illumination to thermionic energy converter

Štáhel P., Sládek P.

Structural changes and defects in amorphous hydrogenated SiGe films due to the hydrogen effusion

Széchy A., Bálint Á.

Profitability standards for choosing the best alternative in food processing

Šimor M., Ráhel' J., Kováčik D., Chorvát D., Zahoranová A., Černák M.

Atmospheric-pressure diffuse coplanar surface discharge for surface treatments of textiles

Štefečka M., Kando M., Černák M.

Surface modification of PET foils using atmospheric pressure surface barrier discharge generated in nitrogen

Terebessy T., Kudela J., Širý M., Kando M.

Light emission patterns in large-area microwave discharges

Zábudlá Z., Vojtek P., Šimor M., Černák M., Kúš P.

Plasma characteristics of the surface barrier discharge

Zahoranová A., Kúdelčík J., Černák M., Buček A.

Mechanism of negative corona pulses in SF₆ based gaseous insulation