



**CONSTANTINE THE PHILOSOPHER UNIVERSITY IN NITRA
FACULTY OF NATURAL SCIENCES**

**12TH INTERNATIONAL
SCIENTIFIC CONFERENCE**

**OF PhD. STUDENTS,
YOUNG SCIENTISTS AND PEDAGOGUES**

PROGRAM

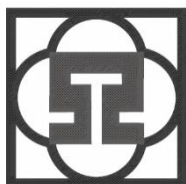


**SEPTEMBER 21 - 22, 2011
NITRA SLOVAK REPUBLIC**

DATE AND PLACE

September 21 - 22, 2011 Nitra Slovak Republic

THE CONFERENCE IS ORGANIZED BY



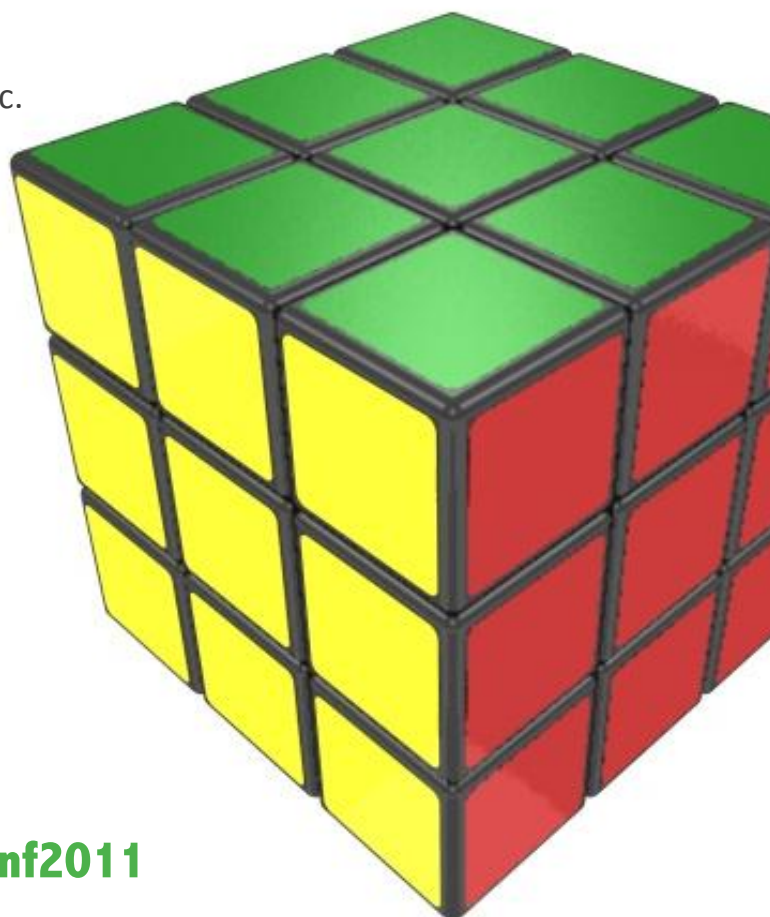
Faculty of Natural Sciences
Constantine the Philosopher University in Nitra
Tr. A. Hlinku 1
949 74 Nitra, Slovak Republic

Scientific guarantee:

prof. RNDr. Ľubomír Zelenický, CSc. (Slovakia)
prof. RNDr. Juraj Hreško, CSc. (Slovakia)
prof. UAM Dr. hab. Leszek Rychlik (Poland)
prof. RNDr. Martin Bílek, PhD. (Czech Republic)
Dr. Titusz Bugya, PhD. (Hungary)

Organizational committee:

prof. Ing. Zdenka Rózová, CSc.
doc. Mgr. Ivan Baláž, PhD.
Ing. Alojzia Kováčová, PhD.
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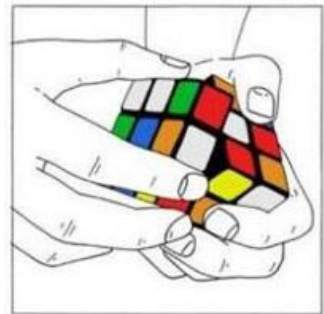


<http://conferences.ukf.sk/phdconf2011>

CONFERENCE PROGRAM

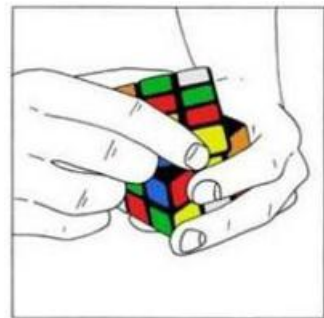
Wednesday, September 21, 2011

8.00-8.50	Registration of participants
9.00-9.20	Opening of the conference
9.30-10.15	Plenary Session
10.15-10.30	Coffee break – refreshment
10.30-12.15	Parallel Sessions
12.15-13.45	Lunch break
13.45-16:00	Parallel Sessions
16.15-18.15	Sight-seeing (historic part of city Nitra with guided tour)
19.30-22.00	Evening event dinner



Thursday, September 22, 2011

8.30-10.30	Parallel Sessions
10.30-11.00	Coffee break
11.00-13.45	Parallel Sessions
13.45-14.00	Evaluation of the conference

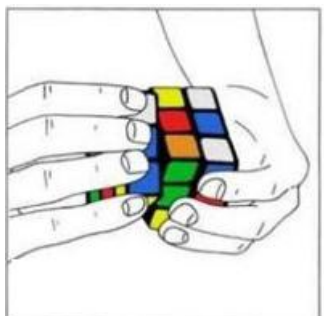


We invite you to **SCIENCE CAFÉ!**

22.9.2011 at 17:00, Theatre café Tatra

prof.UAM Dr. hab. Leszek Rychlik (Poland)

Some methods used in studies of shrews and other small mammals



Length of presentation: There is time limit 10 minutes for each presentation and 5 minutes for discussion.

Language of conference: English, Slovak, Czech

Participants have **laptop** with **data projector** available. File (in ppt format) with presentation will be copy on laptop before sessions.

Plenary Session

9:30-10:15 Aba Teleki | Constantine the Philosopher University in Nitra, Slovakia | **room B-212**
REFLECTIONS ON VARIABLES IN EINSTEIN'S GRAVITATION

9:30-10:15 Titusz Bugya | University of Pécs, Hungary | **room C-305**
OPEN SOURCE APPLICATIONS IN THE RESEARCH AND THE HIGHER EDUCATION – GIS BASED EXPERIENCES

9:30-10:15 Leszek Rychlik | Adam Mickiewicz University in Poznan, Poland | **room P-2**
THE METHODS USED IN DIFFERENT STUDIES OF MAMMALS



1. section: Biology and Genetics

Room: P-2 (ground floor)

Wednesday, September 21, 2011

10:30-10:45 Tivadar Baltazár | Mendel University in Brno, Czech Republic
ANALYSIS OF THE OCCURRENCE OF EUROPEAN MISTLETOE (*VISCUM ALBUM L. SSP. ALBUM*) IN SOME SECTIONS OF CHATEAU PARK LEDNICE

10:45-11:00 Ivana Boboňová, Monika Martiniaková, Zuzana Mokošová, Radoslav Omelka, Róbert Toman | Slovak University of Agriculture in Nitra, Slovakia
THE EFFECT OF SUBCHRONIC PERORAL APPLICATION OF SELENIUM ON FEMORAL BONE STRUCTURE IN ADULT RATS

11:00-11:15 Martina Braná, Andrej Kormuťák, Dušan Gömöry | Constantine the Philosopher University in Nitra, Slovakia
GENETIC STRUCTURE OF HYBRID SWARM POPULATIONS OF *PINUS SYLVESTRIS L.* AND *PINUS MUGO TURRA* IN THE ORAVA REGION STUDIED BY CHLOROPLAST DNA

11:15- 11:30 Terézia Dobroviczká, Beáta Piršelová, Ildikó Matušiková | Constantine the Philosopher University in Nitra, Slovakia
THE EFFECT OF ARSENIC IONS ON PHYSIOLOGICAL CHARACTERISTICS OF LEAVES OF CHOSEN SOYBEAN VARIETIES

11:30-11:45 Andrea Hlinková, Milan Čertík, Michaela Havrlentová | University of SS. Cyril and Methodius in Trnava, Slovakia
THE EVALUATION OF OIL QUALITY IN SOME POPPY VARIETIES (*PAPAVER SOMNIFERUM L.*)

11:45-12:00 Zuzana Chabadová, Monika Habeková, Danica Staneková | Slovak Medical University in Bratislava, Slovakia
FIRST EXPERIENCES WITH HIV TROPISM TESTING IN HIV-INFECTED PATIENTS

12:00-12:15 Hana Chovancová, Monika Martiniaková, Radoslav Omelka, Aneta Štochmaľová, Róbert Toman | Constantine the Philosopher University in Nitra, Slovakia
EFFECT OF SUBCHRONIC PERORAL EXPOSURE TO CADMIUM ON FEMORAL BONE TISSUE IN ADULT MALE RATS

12.15-13.45 Lunch break

13:45-14:00 Ľubica Konôpková, Edita Gregová, Daniel Mihálik, Ján Kraic | Constantine the Philosopher University in Nitra, Slovakia
WHEAT TRANSFORMATION AND REGENERATION ABILITY TESTING

14:00-14:15 Mária Labajová, Katarína Ražná, Jana Žiarovská, Slavomíra Senková | Slovak University of Agriculture in Nitra, Slovakia
OPTIONS OF ISSR MARKERS APPLICATIONS FOR POLYMORPHISM ANALYSIS OF MUTANT LINES OF AMARANTHUS

14:15-14:30 Jozef Magura, Vladimír Zeleňák | University of Pavol Jozef Šafárik in Košice, Slovakia
MESOPOROUS SILICA MEMBRANES DEPOSITED ON MACROPOROUS SUPPORTS USING A DIP-COATING TECHNIQUE

14:30-14:45 Miroslava Majeská, Kamil Hudec | Slovak University of Agriculture in Nitra, Slovakia
THE EFFECT OF CHEMICAL TREATMENT ON MYCOTOXINS CONTENT IN WHEAT KERNELS

14:45-15:00 Ivana Michalíková, Ivan Bernasovský, Jarmila Bernasovská, Iveta Boroňová | University of Prešov, Slovakia
THE DIETARY HABITS OF ROMANY AND NON-ROMANY SCHOOL -AGE CHILDREN IN EASTERN SLOVAKIA

15:00-15:15 Dace Smiltiņa, Ziedonis Grīslis, Andris Bāliņš | University of Agriculture in Jelgava, Latvia
PROSPECTS OF THE β - CASEIN (CSN2) ALLELES A1 AND A2 IN THE DAIRY CATTLE POPULATION OF LATVIA

15:15-15:30 Anastasiya Nesterenko, Xiaouan Liang, Vyacheslav Klymenko Karazin Kharkov | National University in Kharkiv, Ukraine
THE INFLUENCE OF HEAT SHOCK IN EARLY ONTOGENESIS ON PROTEIN COMPOSITION OF OOCYTES OF MULBERRY SILKWORM *BOMBYX MORI* L.

15:30-15:45 Naser Mahmoudnia, Fatollah Boldaji, Behrooz Dastar and Saeed Zeredaran | University of Agricultural Sciences and Natural Resources in Goran, Iran
EVALUATION OF THE APPARENT METABOLIZABLE ENERGY OF POULTRY BY- PRODUCT MEAL FORBROILER CHICK S IN INDEPENDENT COMPARISONS

Thursday, September 22, 2011

8:30-8:45 Igor Marhevský | Constantine the Philosopher University in Nitra, Slovakia
LAST GLACIAL PALEOENVIRONMENTS OF THE MOUNTAIN TRIBEČ (GRISOV LOM - DRAŽOVCE)

8:45-9:00 Patrik Mészáros, Beáta Piršelová, Ildikó Matušíková | Constantine the Philosopher University in Nitra, Slovakia

TWO SOYBEAN (*GLYCINE MAX* L.) CULTIVARS REVEALED DIFFERENCES IN TOLERANCE TO ARSENIC

9:00-9:15 Kristína Muráňová, Tibor Baranec | Slovak University of Agriculture in Nitra

VEGETATION STRUCTURE AND PHYTOCOENOLOGICAL CHARACTERISTIC OF ECOLOGICAL CORRIDORS IN MARGINAL ZONES OF AGROBIOCOENOSES

9:15-9:30 Richard Murín, Lászlo Láng, Zoltán Bedő, Klára Mészáros | Constantine the Philosopher University in Nitra, Slovakia

AGROBACTERIUM-MEDIATED TRANSFORMATION OF COMMON WHEAT (*TRITICUM AESTIVUM* L.) USING MATURE SEEDS

9:30-9:45 Stanislava Ottomanská | Mendel University in BrnoLednice, Czech Republic,

SURVEY AND EVALUATION OF THE RANGE OF ROSES OFFERED BY THE SPÄTH-BERLIN COMPANY IN THE YEARS 1910 - 1920

9:45-10:00 Emilia Petriková | The Secondary School of Jozef Gragor Tajovsky in Banska Bystrica, Slovakia

THE EFFECT OF ZINC ON DIFFERENT DEVELOPMENTAL STAGES OF COMMON BEAN (*PHASEOLUS VULGARIS* L.)

10:00-10:15 Tomáš Pilka, Ida Petrovičová, Branislav Kolena | Constantine the Philosopher University in Nitra, Slovakia

EFFECT OF PHTHALATE EXPOSURE ON PULMONARY FUNCTION

10:15-10:30 Slavomíra Senková, Milan Bežo, Jana Žiarovská, Mária Labajová | Slovak University of Agriculture in Nitra, Slovakia

INTERSPECIFIC AND INTRASPECIFIC DNA POLYMORPHISM CAUSED BY THE PRESENCE OF TRIM ELEMENTS CASSANDRA

10.30-11.00 Coffee break

11:00-11:15 Petr Sedlák | Mendel University in Brno, Czech Republic

SPECIES DISTRIBUTION AND HOST SPECTRUM OF *HETEROBASIDION ANNOSUM* IN THE CZECH REPUBLIC

11:15-11:30 Lucia Šajbidorová, Vladimír Pačuta, Roman Nádaský | Slovak University of Agriculture in Nitra, Slovakia

NFLUENCE OF BIOACTIVE MATTERS ON ROOT YIELD, DIGESTION AND CORRECTED SUGAR CONTENT OF SUGAR BEET

11:30-11:45 Jana Španková, Vladimíra Krajčovičová, Radoslav Omelka | Constantine the Philosopher University in Nitra, Slovakia

ASSOCIATIONS OF GENETIC VARIABILITY IN THE CYP 1B1 GENE WITH OSTEOPOROSIS – RELATED TRAITS IN POSTMENOPAUSAL WOMEN

11:45-12:00 Helena Tkáčová, František Strejček | Constantine the Philosopher University in Nitra, Slovakia
OPTIMIZATION OF IN VITRO FERTILIZATION IN PIGS

12:00-12:15 Mária Tonková, Mária Vondráková | Constantine the Philosopher University in Nitra, Slovakia
THEORETICAL - METHODOLOGICAL ASPECTS OF ANTHROPOLOGICAL ANALYSIS OF HUMAN SKELETAL REMAINS FROM THE LOCALITY NITRA – HRADNÝ KOPEC: KATEDRÁLA

12:15-12:30 Alexandra Veverková, Ivan Černý | Slovak University of Agriculture in Nitra, Slovakia
THE INFLUENCE OF FOLIAR TREATMENT ON SELECTED PRODUCTION PARAMETERS OF SUNFLOWER (*HELIANTHUS ANNUUS* L.)

12:30-12:45 Jana Zábojníková, Vladimíra Krajčovičová, Jana Španková, Radoslav Omelka | Constantine the Philosopher University in Nitra, Slovakia
ANALYSIS OF HINDIII POLYMORPHISM IN THE BGP GENE IN ASSOCIATION WITH OSTEOPOROSIS- RELATED TRAITS IN POSTMENOPAUSAL WOMEN

12:45-13:00 Ivana Žgančíková, Tibor Baranec | Slovak University of Agriculture in Nitra
ANALYSIS OF VARIABILITY OF THE GENUS *PRUNUS* L. AS PART OF BIOCORRIDOR IMPORTANT FOR LANDSCAPE

13:00-13:15 Mircea-Dan Mitroiu | Alexandru Ioan Cuza University in Iasi, Romania
DIVERSITY OF THE AFROTROPICAL PTEROMALIDAE (HYMENOPTERA): A PRELIMINARY ASSESSMENT

13:15-13:30 Aliakbar Hedayati, Alireza Safahieh, Tahere Bagheri and Abdolali Movahedinia Gorgan | University of Agricultural Sciences and Natural Resources in Gorgan, Iran
LIVER HEPATOCYTE CHANGES IN YELLOWFIN SEABREAM EXPOSED TO MERCURY CHLORIDE

13:30-13:45 Morteza Sheybani-noghabi, Farid Moslemipur, Yusef Mostafaloo, Ashoor-Mohammad Gharehbash and Roohollah Ghorbani | University of Gonad Kavos, Iran
USING OF DRIED TOMATO POMACE INSTEAD OF SUNFLOWER MEAL ON PERFORMANCE AND FIBER DIGESTIBILITY IN LACTATING COWS



2. section: Ecology and Environmental Sciences, Geography and Regional Development

Room: C-305 (3.floor, block C)

Wednesday, September 21, 2011

10:30-10:45 Martin Cintula | Constantine the Philosopher University in Nitra, Slovakia
HONT-TEKOV MICROREGION AND ITS POTENTIAL FOR TOURISM

10:45-11:00 Jan Deutscher, Petr Kupec | Mendel University in Brno, Czech republic
INTERDAY FLOW-RATE MEASUREMENT ON SMALL WATER STREAMS

11:00-11:15 Marek Gális | Constantine the Philosopher University in Nitra, Slovakia
INVASIVE PLANT SPECIES IN SELECTED LOCATIONS OF TOPOĽČANY CITY

11:15- 11:30 Andrea Grebečiová | Constantine the Philosopher University in Nitra, Slovakia
THEORETICAL-METHODOLOGICAL BASIS FOR EVALUATION OF THE NATURAL LANDSCAPE POTENTIAL IN
RELATION TO THE DEVELOPMENT OF THE WINE-GROWING REGION SVÄTÝ JUR

11:30-11:45 Silvia Hnátová | Secondary grammar school in Nitra, Slovakia
USE OF CHLAMYDOMONAS REINHARDTII FOR DETECTING THE CONCENTRATION OF MICROCYSTIN IN WATER

11:45-12:00 Marie Horáčková | Mendel University in Brno, Czech republic
ENVIRONMENTAL EDUCATION AT SECONDARY VOCATIONAL SCHOOLS

12:00-12:15 Henrieta Horičková | Constantine the Philosopher University in Nitra, Slovakia
RATING OF AVAILABILITY OF LOCAL PUBLIC GREEN AREAS AND LOCAL SERVICES BY DWELLERS OF NITRA

12.15-13.45 Lunch break

13:45-14:00 Imrich Jakab, Peter Petluš | Constantine the Philosopher University in Nitra, Slovakia
MODELING OF VISUAL EXPOSURE USING PARALLEL COMPUTATIONS

14:00-14:15 Martin Jančich, Peter Kováčik | Slovak Agricultural University in Nitra, Slovakia
APPLICATION OF FRESH SAWDUST AND THEIR IMPACT ON SELECTED SOIL PARAMETERS

14:15-14:30 Ivana Kohutková | Comenius University in Bratislava, Slovakia
SUSTAINABLE DEVELOPMENT AND QUALITY OF LIFE IN NATIONAL PARK VEĽKÁ FATRA FROM KEY ACTORS'
PERSPECTIVE

14:30-14:45 Roman Slobodník | Constantine the Philosopher University in Nitra, Slovakia
THE MONITORING OF BREEDING POPULATION OF COLLARED FLYCATCHER (*FICEDULA ALBICOLLIS*) IN
SELECTED LOCATIONS OF WESTERN SLOVAKIA

14:45-15:00 Jana Hlavatá | Slovak Agricultural University in Nitra, Slovakia
RULES AND REQUIREMENTS FOR THE CREATION OF PUBLIC GREEN IN RURAL AREAS

15:00-15:15 Alena Hroncová | Slovak Agricultural University in Nitra, Slovakia
ASSESSMENT OF THE STATE OF GREEN FOR GREEN BUILDING DEDICATED HOME EDERLY AND SOCIAL
SERVICES IN BANSKÁ BYSTRICA

15:15-15:30 Dominika Stan, Michał Piątek | University of Silesia in Sosnowiec, Poland
POTENTIAL RISK OF EROSION ON UNPAVED MOUNTAINS ROADS (THE ŽABNICZANKA VALLEY)

15:30-15:45 Marta Kondracka, Klaudia Wisniewska | University of Silesia in Sosnowiec, Poland
GEOELECTRICAL MEASUREMENTS ON WASTE ZN-PB DISPOSAL IN BYTOM AREA

15:45-16:00 Ljubov Kohutnicka | University of Warsaw, Poland

USE OF GEOGRAPHIC INFORMATION SYSTEMS AS A METHOD OF RESEARCH IN THE SPHERE OF MARITIME TRANSPORT SYSTEMS

Thursday, September 22, 2011

8:30-8:45 Ján Kollár | Slovak University of Agriculture in Nitra, Slovakia

QUALITATIVE STRUCTURE OF ANIMAL PESTS ON ORNAMENTAL WOODY PLANTS IN NITRA CITY

8:45-9:00 Alexandra Končálová, Alena Dubcová | Constantine the Philosopher University in Nitra, Slovakia

WASTE MANAGEMENT IN THE SLOVAK REPUBLIC

9:00-9:15 Barbora Lipovská | Slovak University of Agriculture in Nitra, Slovakia

ANALYSIS OF THE QUALITY AND USE OF PUBLIC SPACES IN RURAL AREAS

9:15-9:30 Veronika Lobellová | Banská Bystrica

STUDY OF PM10 LOAD CHARACTERISTICS USING LICHENS

9:30-9:45 Branislav Máša | Technical University in Zvolen, Slovakia

FORMATION AND ENVIRONMENTAL APPLICATIONS OF Fe-OCHREOUS PRECIPITATES - PARTIAL STUDY

9:45-10:00 Juraj Miškolczi | Slovak University of Agriculture in Nitra, Slovakia

CHEMICAL PROPERTIES OF HAPLIC CHERNOZEMS OF DIFFERENT REGIONS

10:00-10:15 Lucia Mošková, Juraj Chlpík | Slovak University of Agriculture in Nitra, Slovakia

COMPARISON THE PARAMETERS OF CHARGE CHARACTERISTIC OF AGRICULTURAL AND FOREST SOIL

10:15-10:30 Jana Oláhová, Matej Vojtek, Martin Boltižiar | Constantine the Philosopher University in Nitra, Slovakia

USE OF SELECTED EXTENSIONS FOR THE ANALYSIS OF SECONDARY LANDSCAPE STRUCTURE IN GIS

10.30-11.00 Coffee break

11:00-11:15 Denisa Poláková | Constantine the Philosopher University in Nitra, Slovakia

AVIFAUNA OF ČADCA CONURBATION

11:15-11:30 Ivana Pilková | Constantine the Philosopher University in Nitra, Slovakia

STRUCTURE OF PLANT COMMUNITIES OF CLEARINGS BÁBSKY FOREST

11:30-11:45 Pavel Richter | Czech University of Life Sciences Prague

THE INFLUENCE OF BANK VEGETATION ON QUALITY OF SURFACE WATER SHOWN ON THE EXAMPLE OF NEBANICE MODEL AREA

11:45-12:00 Ajay Kumar Singh and S S Singh | Guru Ghasidas Central University in Chhattisgarh, India

THE FOREST LAND USE/LAND COVER MAPPING THROUGH RS TECHNIQUE IN CHORNAI SUB WATERSHED OF HASDEO RIVER BASIN OF CHHATTISGARH, INDIA

12:00-12:15 Peter Sudovský, Marián Schwarz | Technical University in Zvolen, Slovakia
USE OF INDUSTRIAL WASTE IN PRODUCTION OF ANORGANIC PIGMENTS

12:15-12:30 Gergő Szabó
ASSESSMENT OF COMMUTING INDUCED BY PUBLIC EDUCATION IN HUNGARY

12:30-12:45 Valér Jobbágy | University of Pécs, Hungary
REGIONAL OR SECTORAL. IS THAT THE REAL QUESTION?

12:45-13:00 Katarína Baťová | Constantine the Philosopher University in Nitra, Slovakia
HISTORICAL COUNTRY STRUCTURES IN THE AREA OF KRUPINA'S COUNTRYSIDE

13:00-13:15 Dominika Škultétyová | Constantine the Philosopher University in Nitra, Slovakia
ORNITHOCOENOSES OF PROTECTED BIRDS AREA DUBNICKÉ ŠTRKOVISKO GRAVEL PIT (SW SLOVAKIA)

13:15-13:30 Filip Tulis | Constantine the Philosopher University in Nitra, Slovakia
VARIEGATED DIED COMPOSITION OF LONG-EARED OWL (*ASIO OTUS*) IN EASTERN PART OF NITRIANSKA PAHORKATINA – HILLS

13:30-13:45 Hana Vostrá, Zuzana Novotná | Czech University of Life Sciences Prague
MODELING UNEMPLOYMENT IN THE CZECH REPUBLIC BY SURVIVAL ANALYSIS



3. section: Mathematics, Physics and Chemistry

Room: B-212 (2.floor, block B)

Wednesday, September 21, 2011

10:30-10:45 Eva Barčíková | Constantine the Philosopher university in Nitra, Slovakia
APOLLONIUS PROBLEM SOLVED BY USING ANALYTICAL GEOMETRY METHODS

10:45-11:00 Tomáš Bene | Constantine the Philosopher university in Nitra, Slovakia
PROGRAM VLOGIC

11:00-11:15 Gabriela Galliková | Constantine the Philosopher university in Nitra, Slovakia
SOLVING THE LOGARITHMIC SPIRAL BY USING DYNAMIC GEOMETRY SYSTEM ON THE INTERACTIVE WHITEBOARD

11:15- 11:30 Michaela Klepancová | Constantine the Philosopher university in Nitra, Slovakia
INTRODUCTION TO CONCEPT OF LIMITS BY MODIFIED ARCHIMEDEAN APPROACH

11:30-11:45 Mária Kóšová | Constantine the Philosopher university in Nitra, Slovakia
COMBINATORIAL THINKING DEVELOPMENT OF PUPILS OF 6TH GRADE OF PRIMARY SCHOOL

11:45-12:00 Peter Kuna | Constantine the Philosopher university in Nitra, Slovakia
METHODOLOGY OF THE E-COURSE IN THE SUBJECT DISCRETE MATHEMATICS

12:00-12:15 Renáta Kunová | Gymnázium Janka Kráľa in Zlaté Moravce, Slovakia
THE VERIFICATION OF DIGITAL TEXTBOOKS „PLANÉTA VEDOMOSTÍ“ IN TERMS OF MATHEMATICS LESSON

12.15-13.45 Lunch break

13:45-14:00 Peter Lenčoš | Constantine the Philosopher university in Nitra, Slovakia
ALGEBRA – FROM THE SCIENCE OF SOLVING EQUATIONS TO THE THEORY OF ALGEBRAIC STRUCTURES

14:00-14:15 Alexandra Macháčková | Constantine the Philosopher university in Nitra, Slovakia
THE USE OF INTERACTIVE WHITEBOARD WHEN TEACHING GEOMETRY

14:15-14:30 Miroslava Sovičová, Ján Šunderlík, Soňa Čeretková | Constantine the Philosopher university in Nitra, Slovakia
DEVELOPMENT OF QUESTIONING IN INQUIRY–BASED PEDAGOGY – PILOT STUDY

14:30-14:45 Miroslav Mesaroš | Constantine the Philosopher university in Nitra, Slovakia
FUNCTIONS OF VISUALISATION AS A SOLVING APPROACH IN TEACHING MATHEMATICS AT ELEMENTARY AND HIGH SCHOOLS

14:45-15:00 Zuzana Šutá | University of Žilina, Slovakia
ASYMPTOTIC CONVERGENCE OF THE SOLUTIONS OF A DISCRETE EQUATION WITH SEVERAL DELAYS

15:00-15:15 Eva Uhrinová | Constantine the Philosopher university in Nitra, Slovakia
TEACHING OF MATHEMATICS THROUGH DIDACTICS GAME

15:15-15:30 Gabriela Žáčiková | Constantine the Philosopher university in Nitra, Slovakia
THE USE INTERACTIVE WHITEBOARD IN MATHEMATICS LESSONS

Thursday, September 22, 2011

8:30-8:45 Peter Šín, Renno Veinthal, Fjodor Sergejev, Maksim Antonov, Igor Štubňa
| Constantine the Philosopher University in Nitra, Slovakia, University of Technology in Tallin, Estonia
VICKERS HARDNESS OF CERAMICS FIRED AT DIFFERENT TEMPERATURES

8:45-9:00 Ondrej Fečo | Constantine the Philosopher University in Nitra, Slovakia
DEVELOPING OF STUDENTS' INTEREST IN PHYSICS THROUGH COMPUTER-SUPPORTED EXPERIMENTS

9:00-9:15 Michal Benko | Constantine the Philosopher University in Nitra, Slovakia
USE OF APPLICATION-LEVEL GROWTH MODEL

9:15-9:30 Alexandra Adamíková, Ľubomír Zelenický | Constantine the Philosopher University in Nitra, Slovakia
PHYSICAL HIGH SCHOOL BOOK ILLUSTRATION YESTERDAY AND TODAY

9:30-9:45 Peter Krupa, Svetozár Malinarič | Constantine the Philosopher University in Nitra, Slovakia
THERMOPHYSICAL PROPERTIES OF BEECH WOOD MEASURED USING THE EDPS METHOD

9:45-10:00 Rudolf Podoba | Constantine the Philosopher University in Nitra, Slovakia
APPARATUS FOR MEASURING THE TEMPERATURE DEPENDENCE OF DC ELECTRICAL CONDUCTIVITY OF CERAMICS

10:00-10:15 Stanislav Šimkovič | Constantine the Philosopher University in Nitra, Slovakia
COSMOLOGY IN PHYSICS TEACHING

10:15-10:30 Jana Braniša, Zita Jenisová | Constantine the Philosopher University in Nitra, Slovakia
THE SCHOOL CHEMICAL EXPERIMENT SUPPORTED BY DIGITAL TECHNOLOGIES

10.30-11.00 Coffee break

11:00-11:15 Andrea Čongrádyová, Marianna Karšayová, Klaudia Jomová | Constantine the Philosopher University in Nitra, Slovakia
POTENTIAL ANTIFUGAL PROPERTIES OF THE COPPER (II) COMPLEX WITH PHENANTROLINE AND 4-CHLOROSALICYLIC ACID

11:15 -11:30 Marianna Karšayová, Mária Porubská, Stanislav Baroš, Klaudia Jomová | Constantine the Philosopher University in Nitra, Slovakia
EPR STUDY AND EVALUATION OF ANTIFUNGAL PROPERTIES OF *ALLIUM URSINUM* L.

11:30-11:45 Ingrida Rostášová, Z. Vargová, P. Hermann, K. Györyová, I. Lukeš | University of Pavol Jozef Šafárik in Košice, Slovakia
COMPLEXING PROPERTIES COMPARISON BETWEEN GLYCINE AND ITS PHOSPHOROUS ANALOGUE TOWARD Zn(II)-CYCLEN HOST

11:45-12:00 Katarína Surová, Mária Porubská | Constantine the Philosopher University in Nitra, Slovakia
THIN LAYER CHROMATOGRAPHY OF PHTHALATE PLASTICIZER IN PVC APPLICABLE AT SECONDARY SCHOOLS

12:00-12:15 Jozef Kováč, Anton Trnák | Constantine the Philosopher University in Nitra, Slovakia
MEASUREMENT OF THE THERMAL DIFFUSIVITY OF SAMPLES OF COMPOSITE BUILDING MATERIALS IN TEMPERATURE RANGE 25 – 600 °C