International Scientific Conference & International Workshop
Present **D**ay **T**rends of **I**nnovations 2017
18th – 19th May 2017
Zuberec / Zakopane

18.5.2017 Štvrtok / Thursday

Od 8:30   **Registrácia účastníkov** / *Participants´ and guests´ registration*

10:00 Otvorenie konferencie a príhovory VIP hostí /
Opening ceremony and a warm welcome by the scientific guarantor and speeches by conference VIP guests

10:30 Plenárne prednášky – Blok 1 / *Plenary lectures – Block 1*
        Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD. , Doc. Ing. Zábovský, PhD.
                                dr inż. Szczebiot

Jozef HVORECKÝ: Diversity of universities

Jolanta ZIELIŃSKA: Usage of eye-tracking in the education of deaf youth

Światoslaw KARPOWICZ – Mostafa FOROOTAN – Yaghoub SALMANZADEH GARGARY – Aliaksandr VOITAU: Construction of the equations of a motion of coordinate system of the robot on the nonholonomic program

Vladimír ČECHÁK: New challenges in the field of (vocational) education

Ján STOFFA – Veronika STOFFOVÁ: Problematika skrátenín vo vede a technike

12:00 Coffee break

12:15 Plenárne prednášky – Blok 2 / *Plenary lectures – Block 2*
        Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD**.** , dr inż. Szczebiot ,
                                dr. hab. inż. prof. UP Zielińska

Robert KUCĘBA - Edyta KULEJ-DUDEK - Paula PYPŁACZ - Klaudia SMOLĄG: Counteracting low emission - social platform of knowledge transfer

Igar DAINIAK: Real time control system on the base of ethercat technology for universal assembly unit

Andrzej JORDAN - Janusz TYKOCKI - SZCZEBIOT Ryszard: Application of a digital filter to define ABC sets of a modified pareto principle

Vitali Uladzimiravich KUZNIATSOU: Computer modeling of kinematics and dynamics of parallel manipulator with six degrees of freedom

Ladislav VÁRKOLY: Interactive e – learning – the education with long history

14:00 Obed / Lunch

18.5.2017 Štvrtok / Thursday

14:45 Vyžiadané prednášky – Blok 1 / *Invited lectures – Block 1*
Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD., prof. dr hab. inž. Karpowicz
dr. hab. inž. prof. PCz. Kucęba

Ryszard SZCZEBIOT - Leszek GOŁDYN: Mathematical modeling of the objects described by integer and fractional higher order equations

Leszek GOŁDYN - Ryszard SZCZEBIOT: Parametric identification of mathematical models of integer and fractional orders

René KLAUČO: Súčasné trendy optimalizácie testov spoľahlivosti

Miroslav MERENDA: Poverty as social problem in contemporary civilization

Natalia MALENKO: Machine translation and human translators

Kamil KOSTERNA - Agnieszka MOLGA - Marek WÓJTOWICZ – E – learning as a form of remote teaching

15:45 Coffee break

15:55 Vyžiadané prednášky – Blok 2 / *Invited lectures – Block 2*
Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD. , dr Molga , dr Wójtowicz

Leszek GOŁDYN - Ryszard SZCZEBIOT: Variable PID controllers and unconventional controllers

Andrzej SAWICKI - Aneta WIKTORZAK - Grzegorz RUBIN: Zastosowanie sieci neuronowych do zgrubnego oszacowania pozycji w systemie lokalizacji obiektów opartym na pomiarze różnic czasów przybycia

Aneta WIKTORZAK - Andrzej SAWICKI - Grzegorz RUBIN: Kwantowy algorytm ewolucyjny w zagadnieniach optymalizacji

19:00 Slávnostná recepcia / Banquet

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max 25 min - Plenárne prednášky a firemné prezentácie / Plenary lectures and business promotions
max 15 min - Vyžiadané prednášky / Invited lectures

Zmena programu vyhradená. / The programme changes reserved.

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19.5.2017 Piatok / Friday

Od 9:00 Registrácia účastníkov / *Participantsʹ and guestsʹ registration*

9:00   Posterová sekcia / *Poster section*

Paula PYPŁACZ – Klaudia SMOLĄG – Robert KUCĘBA – Edyta KULEJ-DUDEK: Transfer of information in polish small and medium enterprises

9:00   *firemná prezentácia / business promotion*

Prezentácia navigačných systémov firmy Garmin

9:30   Vyžiadané prednášky – Blok 3 / *Invited lectures – Block 3*
Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD. , dr hab. inż. Szczebiot ,
prof. RNDr. Hvorecký, CSc.

Martin ADAMOVIČ – Daniel LAJČIN: Use of activating teaching methods in vocational education

Jozef PETREK – Jozef PÚČIK: An improvement of the GSM location service by a Gold code PN sequence

Robert JURČA – Jindřich PETRUCHA – Petr KOUDELA: Changes in education as result of using information and communication technologies

Ladislav RUDOLF – Ján PAVLOVKIN: Power quality measurement in the power grid

10:30 Coffee break

10:45 Vyžiadané prednášky – Blok 4 / *Invited lectures – Block 4*
Predsedajúci / *Chairmans* : prof. Ing. Várkoly, PhD., Doc. Ing. Zábovský, PhD. ,
prof. PhDr. Čechák, CSc.

Zuzana JUCHOVÁ JUROŠKOVÁ – Mária JANČUŠOVÁ – Boris BUČKO: University science park research laboratories as a part of education process

Zuzana JUCHOVÁ JUROŠKOVÁ – Boris BUČKO: High – end technologies in the university education process

Mária JANČUŠOVÁ – Miriam FANDÁKOVÁ – Zuzana JUCHOVÁ JUROŠKOVÁ – Boris BUČKO: Virtual Reality in Education Process

Mária JANČUŠOVÁ: Reconfigurable Lab and Design

11:45 Slávnostné ukončenie konferencie / Conclusions and closing of the conference

12:00 Obed / Lunch

13:30 Medzinárodný po-konferenčný workshop */ International post-conference workshop*

Rezydencja Nosalowy Dwór , Zakopane
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