



*European
Polytechnical
University*

ПРОГРАМА

НА ОСМАТА МЕЖДУНАРОДНА НАУЧНА КОНФЕРЕНЦИЯ
„ОБРАЗОВАНИЕ, НАУКА, ИНОВАЦИИ“
08-09 юни 2018, Перник

PROGRAMME

OF THE 8-th INTERNATIONAL SCIENTIFIC CONFERENCE
"EDUCATION, SCIENCE, INNOVATIONS"
June 08-09, 2018 Pernik

ПЕТЪК, 08 ЮНИ, 2018/FRIDAY, JUNE 08, 2018

09:00 – 10:00	<i>Регистрация/Registration</i>	6 етаж /6 floor
10:00 – 10:30	<i>Откриване/Opening Ceremony</i>	Зала/Hall 1
10:30 – 12:30	<i>Награждаване „Доктор Хонорис Кауза“/ Пленарни доклади/Plenary Session</i>	Зала/Hall 1 <i>Chairperson: Vladimir Lazarov</i>
11:00	ROBERT EADIE AND JULIA FINLAY BREXIT, THE IRISH BORDER AND CONSTRUCTION	
11:45	ANGEL SMRIKAROV ПРОЕКТ НА НАЦИОНАЛНА ПРОГРАМА ЗА ДИГИТАЛИЗИРАНЕ НА ОБРАЗОВАНИЕТО	
12:30 – 13:30	<i>Lunch-break</i>	Library
13:30	SASHO DRAGANOV ИНЖЕНЕРЕН ДИЗАЙН – ХУДОЖЕСТВЕНИ, ИНЖЕНЕРНИ И ИКОНОМИЧЕСКИ АСПЕКТИ	
14:15	SASHO DRAGANOV ЕКИПНИ ПРОЕКТИ ЗА КОНКРЕТНИ ДИЗАЙНЕРСКИ ПРОФИЛИ	
16:30	<i>Коктейл/ Cocktail</i>	Ресторант-градина Верде/ Verde Garden

ROOM 610

*Chairpersons: Ivanka Paskaleva
Secretary: Emanuela Manolova*

Ivanka Paskaleva

PEAK VELOCITIES AND SURFACE STRAINS ASSOCIATED WITH STRONG EARTHQUAKES ON THE TERRITORY OF PERNIK

Tatyana Petrova, Elisaveta Kirilova, Wilfried Becker, Jordanka Ivanova

INFLUENCE OF ADHESIVE ON INTERFACE DEBONDING OF THE PATCH/LAYER STRUCTURE UNDER TIME HARMONIC MECHANICAL LOAD AND ELECTRIC FIELD AT ENVIRONMENTAL CONDITIONS

E. Koytchev, M. Datcheva and R. Iankov

TESTING THE HYBRID ZONE PRODUCED BY ALL-IN-ONE ADHESIVE IN DENTIN USING NANOINDENTATION METHODS

Yatchko Ivanov

STATE OF ART AND PROBLEMS IN THE IMPLEMENT OF THE REGULATION 2/2017 FOR MANAGEMENT OF THE CONSTRUCTION VASES AND THE USAGE OF RESICLED BUILDING MATERIALS

ROOM 606

*Chairperson: Yanka Totseva
Secretary: Nikoleta Vasileva*

Янка Тоцева

ИНОВАТИВНИТЕ УЧИЛИЩА – МЕЖДУ ТЕОРИЯТА И РЕАЛНОСТТА

Огнян Манолов, Стефан Апостолов, Илия Левков

ИНИЦИАТИВЕН МОДЕЛ НА ИКЕМ ЗА КАЧЕСТВЕНО ПРОФЕСИОНАЛНО ОБРАЗОВАНИЕ И ОБУЧЕНИЕ ПО ЕЛЕКТРИЧЕСКА МОБИЛНОСТ

Milen Zamfirov

THE IMPACT OF ENCRYPTED ARCHETYPES ON PROGRAMMING LANGUAGES

Ванче Бойков, Дарян Бойков, Саша Джорджевич

СТРАТЕГИЧЕСКО ТРЕТИРАНЕ НА ИКТ В ОБРАЗОВАНИЕТО В СЪРБИЯ

Йосиф Нунев

ИНОВАЦИИ В СЕГРЕГИРАНОТО ОБРАЗОВАНИЕ – ГОТОВ ЛИ Е УЧИТЕЛЯТ?

Красимира Благоева

КЛАСНАТА СТАЯ - УРОЦИТЕ, КОИТО НИ ПРОМЕНЯТ

Snežana Mitić, Dejan Andrejevic

OPENNESS OF LOCAL GOVERNMENT AND GOOD FINANCIAL MANAGEMENT

ROOM 603

10:00 – 12:30 Section III

Achievements and Innovations in computer sciences/
Постижения и иновации в компютърните науки

*Chairpersons: Lyudmil Dakovski
Secretary: Nelly Asenova*

Dilyana Budakova, Lyudmil Dakovski
NEW PARADIGM IN THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE SYSTEMS

Ognyan Manolov, Svetoslav Noykov
SOFTWARE AND HARDWARE FOR STEPPER MOTORS CONTROL WITH MULTI-PURPOSE IN LOW-COST ROBOTICS

Teodora Hristeva, Maria Marinova
PATTERN RECOGNITION USING DEEP LEARNING

12:30 – 13:30

Coffee-break

Library

ROOM 604

10:00 – 12:30

Section IV

Green Energy and Sustainable Development/
Зелена енергетика и устойчиво развитие

*Chairperson: Ivan Petkov
Secretary: Monica Badeva*

Иван Петков, Моника Бадева
ФОТОХИМИЧНО РАЗЛАГАНЕ НА ПЕСТИЦИДИ В ПРИРОДНИ ВОДИ

K. Vanov, I. Popov, B. Vanov
ADVANCED MATERIALS FOR ENERGY STORAGE SYSTEMS

K. Vanov, D. Ivanova, L. Fachikov, B. Vanov
NEW ELECTROCHEMICAL SYSTEM BASED ON HYDROGEN STORAGE MATERIALS

K. Vanov, I. Popov, D. Ivanova, L. Fachikov, V. Tomov, B. Vanov
LITHIUM ION BATTERY MANAGEMENT SYSTEM DEVELOPED ON ARDUINO PLATFORM

Огнян Манолов, Иван Костов, Илия Левков, Стефан Апостолов
ВЪВЕЖДАНЕТО НА ЕЛЕКТРИЧЕСКИ ПРЕВОЗНИ СРЕДСТВА - НАЦИОНАЛНА ПРОГРАМА ЗА ЕЛЕКТРИЧЕСКА МОБИЛНОСТ. СРАВНИТЕЛНИ ЕНЕРГИЙНИ И ИКОНОМИЧЕСКИ ПОКАЗАТЕЛИ НА ПИЛОТЕН ЕЛЕКТРОБУС ЗА СОФИЯ

Иван Петков
СВЕТЛИНА И ВИНО

Ivan Petkov
BIODEGRADABLE POLYMER (PLA) COMPOSITIONS

Ognyan Manolov, Dobromir Dimitrov
SYNTHESIS OF FLIGHT GUIDANCE CONTROLLER FOR ELECTRICAL UNMANNED AERIAL VEHICLE

Plamen Gramatikov
CRITICAL ENERGY INFRASTRUCTURE PROTECTION - PROBLEMS AND POSSIBLE SOLUTIONS

12:30 – 13:30 *Coffee-break*

Library

ROOM 602

10:00 – 12:30

Section V

Robotics/Роботика

Chairperson: Nedko Shivarov

Secretary: Denis Chikurtev

Nayden Chivarov

USABILITY STUDY OF TELE-CONTROLLED SERVICE ROBOT FOR INCREASING THE QUALITY OF LIFE OF ELDERLY AND DISABLED – “ROBCO 17”

Denis Chikurtev

EXPLORING HUMAN ROBOT INTERFACES FOR COST-ORIENTED MOBILE ROBOTS

Emanuil Markov

APPLICATION OF THE IA METHODS FOR MULTI-CHANNEL CONTROL OF SERVICE ROBOT

Ivaylo Rangelov

3D MODELING FOR OBJECT RECOGNITION WITH DEPTH SENSORS

Petko Stoev

DESIGN OF PERSONAL SERVICE ROBOT ASSISTANT

Spesima GmbH.

SPECIALIZED ROBOTS FOR AUTOMATION OF HORIZONTAL DIE CASTING MACHINES OF ZINC AND RE-ENGINEERING OF INDUSTRIAL ROBOTS

12:30 – 13:30

Coffee-break

Library

Внимание!

Всички участници в осмата международна научна конференция ESI'2018 да изпратят пълните си доклади до 25 юни на следния имейл адрес: katina.kirilova@epu.bg

Attention!

All participants in the eighth International Scientific Conference ESI'2018 have to send their full papers until June 25 to the following email address: katina.kirilova@epu.bg