

INTERNATIONAL SCIENTIFIC CONFERENCE
HIGH TECHNOLOGIES. BUSINESS. SOCIETY 2017
13-16.03.2017, Winter Resort BOROVEDS, BULGARIA



PROGRAM

ORGANIZER

SCIENTIFIC-TECHNICAL UNION OF MECHANICAL ENGINEERING BULGARIA

CO-ORGANIZERS

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Technical University Sofia
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CONFERENCE SECRETARIATE

Scientific-Technical Union of Mechanical Engineering
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TIME SCHEDULE

13.03.2017 - Monday

REGISTRATION	16.00-20.00	IN FRONT OF CONFERENCE HALL 1
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14.03.2017 - Tuesday

REGISTRATION	08.00-10.00	IN FRONT OF CONFERENCE HALL 1
OPENING OF THE CONFERENCE	10.00-10.15	HALL 1
PLENARY SESSION	10.15-12.00	HALL 1
COLLECTIVE PICTURES OF PARTICIPANTS	12.00-12.15	FRONT HOTEL "ELA"
LUNCH	12.15-14.00	RESTAURANT OF HOTEL "ELA"
Section: "HIGH TECHNOLOGIES" - First session	14.00-16.00	HALL 1
Section: "BUSINESS & SOCIETY"	14.00-16.00	HALL 2
COFFEE - PAUSE	16.00-16.30	RESTAURANT OF HOTEL "ELA"
Section: "BUSINESS & SOCIETY" - Second session	16.30-18.00	HALL 1
POSTER SESSION	08.00-18.00	HALL 1, HALL 2
COCKTAIL "WELCOME"	19.00-24.00	RESTAURANT OF HOTEL "ELA"

15.03.2017 - Tuesday

POSTER SESSION	08.00-12.00	HALL 1, HALL 2
CLOSING OF THE CONFERENCE - WINE AND CHEESE PARTY	10.00	RESTAURANT OF HOTEL "ELA"

16.03.2017 - Tuesday

OPENING OF THE winter session of XIV International Congress MACHINES, TECHNOLOGIES, MATERIALS	10.00	HALL 1
Departure of the participants		

*time for presentation 10-12 minutes,
questions after each presentation*

14.03.201710.00-10.15 **OPENING OF THE CONFERENCE****CHAIRMAN: PROF. DSc. GEORGI POPOV (BG)**

HALL 1

10.15-12.00 PLENARY SESSION

HALL 1

CHAIRMAN: PROF. Dr. SVETO CVETKOVSKI (MK), PROF. PHD TAKESHI TANAKA (JP),

01.	ENVIRONMENTAL AND SAFETY REQUIREMENTS COORDINATED APPROACH FOR HIGH TECH INVESTMENT PROPOSALS' REALISATION	Prof. M.Sc. Ivanov I. PhD. Faculty of Electrical Engineering – Technical University of Sofia	BG 47
02.	ELECTRON BEAM LITHOGRAPHY METHOD FOR HIGH- RESOLUTION NANOFABRICATION	RNDr. Kostic I. ¹ , Prof. DSc. PhD. Vutova K. ² , Ing. Bencurova A. ¹ , Ing. Nemeč P. ¹ , Assoc. Prof. PhD. Koleva E. ² Institute of Informatics - Slovak Academy of Sciences, Bratislava, ¹ Institute of electronics - Bulgarian Academy of Sciences, Sofia, ²	SK/BG 49
03.	GRAPHENE: SYNTHESIS, CHARACTERIZATION AND APPLICATIONS	A. Huczko, ¹ M. Kurcz, ¹ A. Dąbrowska, ¹ M. Drozdowski, ¹ M. Fronczak, ¹ M. Bystrzejewski, ¹ D. P. Subedi, ² B. P. Kafle, ² B. K. Kafle, ² P. Lamichhane ² Faculty of Chemistry, University of Warsaw, Warsaw, Poland ¹ School of Science, Kathmandu University, Dhulikhel, Kavre, Nepal ²	PL/NP 03
04.	THE CUSTOMS LOGISTICS CONCEPT FOR THE SOUTH CAUCASUS TRANSPORT TECHNOLOGICAL SYSTEMS	Prof. Dr. Kochadze T., Dr. Tsetskhladze A., Doctoral candidate Gudadze A. Akaki Tsereteli state University - Kutaisi, Georgia	GE 52
05.	REVERSIBILITY IN AN INNOVATIVE DUAL MEMBRANE FUEL CELL DESIGN	Prof. D.Sc. Vladikova D. ¹ , Prof. D.Sc. Stoynov Z. ¹ , Dr. Burdin B. ¹ , Assoc. Prof. Raikova G. ¹ , Dr. Krapchanska M. ¹ , Prof. Thorel A. ² , Dr. Chesnaud A. ² Institute for Electrochemistry and Energy Systems - BAS, Sofia, Bulgaria ¹ Centre des Matériaux, MINES-ParisTech, PSL, UMR CNRS 7633 BP 87, France ²	BG/FR 48
06.	STATISTICAL PROCESS CONTROL IN OFFICIAL STATISTICS	Prof. Vesna Bucevska, Ph.D., University „Ss. Cyril and Methodius”, Faculty of Economics-Skopje, Republic of Macedonia	MK 57
07.	ABOUT BRITTLE FAILURE OF HIGH CARBON ROLLED WIRE	Prof. Dr. A. Trotsan ¹ , Prof. Dr. V. Kaverenskii ¹ , Prof. Dr. O. Isayev ² , Prof. Dr. O. Hress ² , Post grad. St. C.Y.Hu ² , Prof. Dr. K.M. Wu ² 1 – Frantsevich Institute for Problems of Materials Science National Academy of Science of Ukraine 2 - International Research Institute for Steel Technology, Wuhan University of Science and Technology, Wuhan 430081, China	UA/CH 83

*time for presentation 10-12 minutes,
questions after each presentation*

12:00– 12:15	COLLECTIVE PICTURES OF PARTICIPANTS	FRONT HOTEL "ELA"
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12:15– 14:00	LUNCH	THE RESTAURANT AT HOTEL "ELA"
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section: "HIGH TECHNOLOGIES" - First session

14:00 – 16:00 HALL 1

CHAIRMANS: PROF. M.SC. IVANOV I. PHD. (BG), PROF. DR. HUCZKO A., (PL)

08.	SCP-RPSC COHERENT TRANSPONDING SYSTEMS FOR IoT COMMUNICATIONS	Prof. M.Sc. Demirev V. PhD. Faculty of Telecommunications – Technical University of Sofia, Bulgaria	BG 23
09.	THE VOLUNTEER DISTRIBUTED COMPUTING PROJECT OPTIMA@HOME"	Kurochkin I.I. ¹ , Afanasyev A.P. ^{1,2,3,4} Institute for Information Transmission Problems of Russian Academy of Sciences, Moscow, Russia ¹ 2Higher School of Economics National Research University, Moscow, Russia ² 3Moscow State University, Moscow, Russia ³ 4National University of Science and Technology "MISIS", Moscow, Russia ⁴	RU 53
10.	AUTOMATION OF SCIENTIFIC AND ENGINEERING COMPUTATIONS WITH EVEREST PLATFORM	Sukhoroslov O.V., Putilina E.V. Institute for Information Transmission Problems of the Russian Academy of Sciences, Moscow, Russia	RU 54
11.	SECURITY DYNAMICS – ADAPTATION OF ICT INFRASTRUCTURE TO CLOUD COMPUTING – THREADS AND OPPORTUNITIES	Willian Dimitrov ¹ , Galia Novakova Nedeltcheva ² ¹ University of Library Studies and IT, ² Sofia University	BG 71
12.	FAILURE ANALYSIS OF RUPTURED PIPES IN BOILER OF THERMO POWER PLANT	Dr Sveto Cvetkovski, Full prof Faculty of Technology and Metallurgy University Ss. Cyril and Methodius Skopje, Republic of Macedonia	MK 81
13.	CHARACTERISTIC PROPERTIES THE MOTION OF DISLOCATIONS DURING THE DEFORMATION OF SINGLE CRYSTALS	PhD physics and mathematics science, assistant professor Arakelyan M.M, Yerevan State University	AM 85
14.	HIGH VELOCITY AIR-FUEL SPRAYING OF HEAT-PROTECTION AND WEAR-RESISTANCE COATINGS	Евдокименко Ю., Кисель В., д.т.н. Фролов Г., Бучаков С., д.т.н. Уманский А., д.т.н. Подчерняева И. Институт проблем материаловедения им. И.Н. Францевича НАН Украины,	UA 68

16:00 – 16:30	COFFEE BREAK - LOBBY BAR
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section: "HIGH TECHNOLOGIES" - Second session

16:30 – 18:00 HALL 1

CHAIRS: PROF. D.SC. DARIA VLADIKOVA (BG), PROF. DR. KOCHADZE T., (GE)

15.	СКОРОСТНАЯ РАЗВЯЗКА г.АСТАНЫ	проф., д.т.н. Куанышбаев Ж.М., Козбакова С.К., Евразийский национальный университет им.Л.Н.Гумилева, г. Астана,	KZ 78
16.	ITS-RELATED ASPECTS OF DEVELOPMENT OF URBAN TRANSPORT SYSTEMS	Dr.sc. Dmitry B. Efimenko Dr.sc. Ivakhnenko Andrey M. Assistant of prof. Ivakhnenko Andrey A.	RU 82

*time for presentation 10-12 minutes,
questions after each presentation*

		PhD Student Kate Nakova Moscow State Automobile and Road Technical University	
17.	MODELING OF THE PRESSURE IN THE VACUUM SYSTEM OF ELECTRON BEAM INSTALLATIONS	Assoc. Prof. Dr. Elena Koleva, Eng. Volodya Dzharov, Institute of Electronics - BAS	BG 19
18.	COMPONENT CONTENT ESTIMATION IN MIXTURE OF CAFFEINE, PARACETAMOL AND PROPIPHENAZONE	Assoc. Prof. Dr. E. Koleva, ^{1,2} Toni Paneva, PhD student ² ¹ Institute of Electronics - BAS, ² University of Chemical Technology and Metallurgy	BG 20
19.	DISTRIBUTION OF HEAT FLUX IN LOOP THERMOSIPHON BY WORKING FLUID AT HEAT REMOVE FROM IGBT	M.Sc. Nemeš P. PhD., Prof. RNDr. Malcho M. PhD., M. Sc. Palacka M. Faculty of Mechanical Engineering – University of Zilina, Slovak Republic	SK 55

section: "HIGH TECHNOLOGIES" - POSTER SESSION

14.03. 2017 08:00 – 18:00 HALL 1

15.03. 2017 08:00 – 12:00 HALL 1

20.	РАЗРАБОТКА И ЭФФЕКТИВНОЕ ПРИМЕНЕНИЕ ЛАЗЕРНЫХ ТЕХНОЛОГИЙ ДЛЯ ПОВЫШЕНИЯ ЭКСПЛУАТАЦИОННЫХ ПОКАЗАТЕЛЕЙ РАЗЛИЧНЫХ ТИПОВ МАШИН И ОБОРУДОВАНИЯ.	Prof., DSc., Tesker E., Volgograd State Technical University	RU 07
21.	ESTIMATION OF CUTTING FORCES IN HIGH PRESSURE JET ASSISTED TURNING USING PSO AND SA BASED APPROACH	Prof. Dr Cica Dj. ¹ , M.Sc. Sredanovic B. ¹ , Prof. Dr Kramar D. ² , University of Banja Luka, Bosnia and Herzegovina ¹ University of Ljubljana, Slovenia ²	BA/SI 08
22.	MODELING OF THE GEOMECHANICAL PROCESSES OF ROCK MASSIF FROM THE PERSPECTIVE OF SYNERGY	Д.т.н., проф. Смирнов Ю., Д.т.н., проф. Кенжин Б. Карагандинский государственный технический университет ТОО «Карагандинский машиностроительный консорциум»	KZ 09
23.	STATISTICAL MODELLING AND OPTIMIZATION OF DEVELOPED RESIST PROFILES' GEOMETRY AT ELECTRON BEAM LITHOGRAPHY	Boryana Asparuhova, PhD student, Assoc. Prof. Dr. Elena Koleva, Institute of Electronics - BAS	BG 12
24.	STUDY OF GLASS-METAL INTERFACE IN AMORPHOUS FERROMAGNETIC MICROWIRES	M.Sc. Kravčák J. PhD. Faculty of Electrical Engineering and Informatics – Technical University of Košice, Slovak Republic	SK 13
25.	STUDY DESIGN PROCESS GEOMETRIC BODIES IN PROGRAMMING ENVIRONMENTS	Ch. Ass. eng. Bankova A. PhD. - Technical University - Varna, Department of Industrial Design	BG 17
26.	DEVELOPING A METHOD TO REDUCE THE EFFECT OF INTERNAL STRESS WHICH APPEAR ON THE COMPLEX PARTS MADE FROM ALUMINUM ALLOY EXTRUDED PROFILES	Ş. A. Moldovan PhD Student. Technical University of Cluj-Napoca - North University Center of Baia Mare, Romania	RO 21
27.	BIOMASS AND WASTE WATER AS SUSTANIABLE ENERGY SOURCES	Danijela Kardaš Faculty of Mechanical Engineering Banja Luka	BA 24
28.	OPTIMIZATION OF MAGNETIC FLUX IN ELECTROMAGNETIC VIBRATING GENERATORS	M.Sc. Kravčák J. PhD. Technical University of Košice, Slovak Republic	SK 29
29.	COMPUTER AIDED DESIGN (CAD) TOOLS FOR ANALYSIS AND DESIGN OF INTEGRATED CIRCUITS	Genchev I. University of Ruse "Angel Kanchev, Bulgaria	BG 35
30.	SOURCE SKIN DISTANCE DEPENDENCE OF RESPONSE OF IN VIVO EXIT DOSE DIODE DETECTORS USED IN EXTERNAL	PhD Student Syrja Baci ¹ , PhD. Ervis Telhaj ² Prof.	AL 40

*time for presentation 10-12 minutes,
questions after each presentation*

	RADIOTHERAPY	PhD. Partizan Malkaj ³ , ¹ “Eqrem Cabej” University, Gjirokaster, Albania, ² Hygeia Hospital Tirana, Albania ³ Polytechnic University, Tirana, Albania	
31.	A STUDY ON THERMAL PERFORMANCE OF LED SIGNAL HEADS USING INFRARED THERMOGRAPHY	M.Sc. Todorov D. ¹ , Associate Prof. M.Sc. Mashkov P. PhD. ¹ , M.Sc. Gyoch B. PhD. ¹ , Prof. M.Sc. Mihaylov N. PhD DHC ¹ University of Ruse “Angel Kanchev”, Bulgaria	BG 42
32.	IMPACT OF COMPUTER AIDED ASSEMBLY TECHNOLOGIES AND SIMULATION IN PRODUCTION PLANNING	Doc. Ing. Václav Š., PhD., Ing. Lecký Š. Faculty of Materials Science and Technology in Trnava – Slovak University of Technology ¹ , Slovak Republic	SK 46
33.	DIRECTIONS FOR LOAD AND SAFETY APPRECIATION OF CARRYING STRUCTURES COMPONENT ELEMENTS	Prof. Dr. Sc. Hristovska E., Assis. Prof. Dr. Sc. Kuzmanov I., Assoc. Prof. Dr. Sc. Sovreski Z., Assis. Prof. Dr. Sc. Stavreva S., Mr. Aziri Z. Faculty of Technical Sciences – Bitola, University St. Clement of Ohrid	MK 51
34.	AXIAL CONDENSER OPTIMIZATION	Radovan Nosek ¹ , Stanislav Gavlas ¹ , Richard Lenhard ¹ , Veroslav Sedlak ² , Sebastian Teie ² Faculty of Mechanical Engineering, University of Zilina ¹ Goodtech Recovery Technology AS, Norway ²	SK/NO 58
35.	VARIOUS WAYS FOR CONTROLLING DIFFERENT TYPES OF DEVICES USING EMG SIGNALS	M.Sc. Eng. Rõbak D. ¹ , Ass. Prof. Penkov I., Ph.D. ² . Department of Electrical Power Engineering and Mechatronics – Tallinn University of Technology, Estonia ¹ Department of Mechanical and Industrial Engineering – Tallinn University of Technology, Estonia ²	EE 64
36.	THE ULTRAFINE FILLER TI- TIC- C EFFECT TO THE PROPERTIES OF EPOXY OLIGOMERS COMPOSITE	j. r. Trehub V. ¹ , d.t.s. prof. Sizonenko O. ¹ , dep. ass. Zinchenko D. ² . Institute of pulse processes and technologies of NASU – Nikolaev ¹ , Ukraine; Kherson State Maritime Academy – Kherson ² , Ukraine	UA 77
37.	EFFICIENCY AND ECOLOGICAL IMPACTS OF HOUSEHOLD OZONE LAUNDERING	Prof.. Neral B. PhD University of Maribor, Faculty of Mechanical Engineering, Institute for Engineering Materials and Design	SI 70
38.	ИЗСЛЕДВАНЕ НА ХАРМОНИЧНОТО ИЗКРИВЯВАНЕ В ЕЛЕКТРИЧЕСКИ МРЕЖИ НИСКО НАПРЕЖЕНИЕ	Доц. д-р Кр.М.Иванов ¹ , проф. д-р Н.Михайлов ² , инж.Цветан Наумов ³ ТУ-Габрово ¹ , Университет Русе ² , ЧЕЗ Разпределение АД ³	BG 79
39.	NEURAL NETWORKS FOR DEFECTIVENESS MODELING AT ELECTRON BEAM WELDING	M.Sc. Eng. Koleva L. ¹ , Assoc. Prof. M.Sc. Eng. Koleva E. PhD. ^{1,2} University of Chemical Technology and Metallurgy, Sofia, Bulgaria ¹ Institute of Electronics, Bulgarian Academy of Sciences, Sofia, Bulgaria ²	BG 37
40.	ROBUST ENGINEERING DESIGN AND PAREMETER OPTIMIZATION OF THE PROCESS OF DRYING OF AIR FILTERS	Tsvetomira Tsonevska, Assoc. Prof. Dr. E.Koleva, Institute of Electronics - BAS	BG 45
41.	STUDY OF THE TILLAGE AND PLANTING INFLUENCE ON THE MAIZE YIELDS	Bratov, Kr. ¹ , G. Vezirska ² , G. V. Mitev ¹ , G. Gerdjnikov ³ ¹ “Angel Kanchev” Ruse University; ² Agroremproject Company, Ruse; ³ PIONEER (DuPont)	BG 84

*time for presentation 10-12 minutes,
questions after each presentation*

section: "BUSINESS & SOCIETY"

14:00 – 16:00 HALL 2

CHAIRS: PROF. VESNA BUCEVSKA, PH.D., (MK), PROF. DSC. PHD. KATIA VUTOVA (BG)

42.	IDENTIFICATION OF THE CRISIS AT THE ENTERPRISE ON THE BASIS OF DUE DILIGENCE	PhD in Economics, docent, Silichieva N., PhD in Economics, docent, Kichuk N., Odessa National Economic University,	UA 11
43.	THE HUMAN CAPITAL RATIFICATION – A KEY FACTOR FOR DEVELOPMENT	Chief assist. Prof. Mina Angelova PhD. University of Plovdiv Paisii Hilendarski, Bulgaria	BG 15
44.	SIMULATION MODULE FOR PRODUCTION PLANNING AND CONTROL	Dipl. Mech. Eng. Albina Mucha ¹ , Ass. Prof. Dr. Bojan Jovanoski ² , Prof. Dr. Robert Minovski ² , Prof. Dr. Valentina Gechevska ² Master student at Faculty of Mechanical Engineering, Ss. Cyril and Methodius University in Skopje, Macedonia ¹ Faculty of Mechanical Engineering, Ss. Cyril and Methodius University in Skopje, Macedonia ²	MK16
45.	PECULARITIES OF CRISIS MANAGEMENT IN THE DEVELOPMENT OF PORT ACTIVITY	PhD, Senior Lecturer Shevchenko V. Odessa National Economic University – Odessa,	UA 22
46.	MORPHOGENESIS OF HUMAN ERROR AT THE COAL MINES	Проф. д. м. н. Грызунов В., Ст. Чипура С., Ст. Джемилёв Э., Горный факультет– Санкт-Петербургский горный университет, Россия	RU 62
47.	TEN THINGS WE NEED TO KNOW ABOUT THE ISLAMIC STATE	Maciej Huczko PhD Warsaw School of Economics, Warsaw, Poland	PL 41
48.	ANALYZING THE LEVEL OF HIGH TROPOSPHERIC OZONE DURING THE SUMMER 2014 and 2015 IN SKOPJE, R.MACEDONIA	Eng. Stoimenovski B. ¹ , Prof.DSc.Mitreski K. ¹ , Asist.Prof.DSc.Naumoski A. ¹ ,MSc.Serafimovski D. ² ¹ Ss. Cyril and Methodius University in Skopje, Faculty of Computers Science and Engineering, Skopje, Macedonia ² Goce Delcev University of Shtip, Faculty of Informatics, Shtip, Macedonia	MK 80

16:00 – 16:30	COFFEE BREAK - LOBBY BAR
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19:00 – 24:00	"WELCOME" COCKTAIL	THE RESTAURANT AT HOTEL "ELA"
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section: "BUSINESS & SOCIETY" - POSTER SESSION

14.03. 2017 08:00 – 18:00 HALL 2

15.03. 2017 08:00 – 12:00 HALL 2

49.	INNOVATIVE APPROACH TO DEVELOPMENT OF BUSINESS PLANS THROUGH WEB AND CLOUD-BASED SOFTWARE SOLUTIONS	Professor Borislav Borisov, Ph.D. "D. A. Tsenov" Academy of Economics, Svishtov	BG 01
50.	SMART SPECIALIZATION IN PLANNING DOCUMENTS FOR	Prof. Dr. Bogdanova, Assis. Prof. Parashkevova E.	BG 02

*time for presentation 10-12 minutes,
questions after each presentation*

	THE DEVELOPMENT OF BULGARIA	“D. A. Tsenov” Academy of Economics, Svishtov	
51.	KNOWLEDGE AS AN OBJECT OF ACCOUNTING	Александрова Н. Икономически университет – Варна	BG 04
52.	FLEXIBLE PRODUCTION STRUCTURE AS A BASIC REQUIREMENT OF THE GLOBAL MARKET	Prof. dr. Saiensus M.A. – Odessa National University of Economics, Odessa	UA 06
53.	COMPETENCE-BASED MANAGEMENT IN PUBLIC ADMINISTRATION IN POLAND	Wieczorek-Szymańska A. PhD. Faculty of Economics and Management – University of Szczecin, Poland	PL 18
54.	TIME-DRIVEN ACTIVITY-BASED COSTING – ESSENCE AND APPLICATIONS AT THE SMALL AND MEDIUM-SIZED ENTERPRISES	Гл.ас. д-р Мусов, М. Университет за национално и световно стопанство	BG 27
55.	WHAT ACCOUNTING EDUCATION CAN LEARN FROM ENGINEERING EDUCATION?	Гл.ас. д-р Мусов, М. Университет за национално и световно стопанство	BG 28
56.	THE NOISE FROM VEHICLES AND TRANSPORT FLOW	Assoc.Prof. Dr. Topuria R ¹ ., Prof. Dr.Sharabidze I ² ., Prof. Dr. Kochadze T ¹ ., Doctoral candidate D.Barabadze M. ¹ AkakiTsereteli state University ¹ - Kutaisi, Georgia Batumi State Maritime Academy ² Georgia	GE 32
57.	AN OPTIMIZATION MODEL FOR VEHICLE’S SUB-SYSTEM OF CITRUS FRUITS TRANSPORTATION ON THE ROUTE “FARMING ENTERPRISE-REGIONAL AGRARIAN LOGISTICS CENTER”	Prof.Dr. Botsvadze L. ¹ , Doctoral candidate Sharabidze D. ² , Doctoral candidate Gudadze A. ² Georgian Technical University, Tbilisi, Georgia ¹ ; Akaki Tsereteli State University, Kutaisi, Georgia ²	GE 33
58.	SELECTION AND STUDY OF AGRO-TOURISM FACILITIES IN THE IMERETI REGION OF GEORGIA	Prof. Dr. Kochadze T., Assoc.Prof. Dr. Chogovadze D., Assoc.Prof. Dr.Dangadze I., <i>Master’s degree holder Kochadze I.</i> , Akaki Tsereteli State University - Kutaisi, Georgia	GE 34
59.	INFLUENCE OF ONLINE ACTIVISM ONTO TRADITIONAL MODELS OF POLITICAL PARTICIPATION	Doc.dr Petrović D. ¹ , Prof. dr Bešić M. ² Faculty of Transport and Traffic Engineering – University of Belgrade, Serbia ¹ Faculty of Political Sciences - University of Belgrade, Serbia ²	RS 36
60.	NEW APPROACHES AND TRENDS AIMING AT ACHIEVING BETTER RESULTS IN EDUCATION	Prof. DSc. PhD. Katia Vutova ¹ , Assistant Prof. PhD. Tomomi Tanioka ² , Prof. ABD Viktoria Basham ³ , Associate Prof. PhD Masayuki Yamauchi ² , Associate Prof. PhD Yoshihiro Masui ² , Prof. PhD Takeshi Tanaka ^{2,4} Institute of electronics, Bulgarian Academy of Sciences, Sofia, Bulgaria ¹ Hiroshima Institute of Technology, Hiroshima, Japan ² Hampden- Sydney College, Farmville, USA ³ Visiting Professor, Research Institute for Nanodevice and Bio Systems, Hiroshima University, Higashihiroshima, Japan ⁴	BG/JP/USA 31
61.	PROBLEM AREAS OF KNOWLEDGE IN A KNOWLEDGE ORGANISATION	Katiniene A. Faculty of Business Management – Vilnius Gediminas Technical University, Lithuania	LT 43
62.	GENDER DIFFERENCES IN RESPONSE TO EROTIC ADVERTISING	Валентина Кожухарова Софийски университет	BG 44
63.	THE ETHICS OF EROTIC STIMULI IN ADVERTISING	Валентина Кожухарова Софийски университет	BG 56
64.	RELATIONSHIP BETWEEN STOCK MARKET RETURN AND	Асистент д-р Вълков П.,	BG 65

*time for presentation 10-12 minutes,
questions after each presentation*

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*time for presentation 10-12 minutes,
questions after each presentation*



II INTERNATIONAL SCIENTIFIC CONFERENCE
HIGH TECHNOLOGIES . BUSINESS . SOCIETY 2017

13-16.03.2017, MOUNTAIN RESORT BOROEVETS, HOTEL ELA
www.hightechsociety.eu



XIV INTERNATIONAL SCIENTIFIC CONGRESS - WINTER SESSION
MACHINES. TECHNOLOGIES. MATERIALS 2017

15-18.03.2017, MOUNTAIN RESORT BOROEVETS, HOTEL ELA
www.mtmcongress.com



XXIV INTERNATIONAL AND TECHNICAL CONFERENCE
FOUNDRY 2017

05-07.04.2017, PLEVEN, HOTEL ROSTOV
www.metacasting.eu



V INTERNATIONAL SCIENTIFIC CONFERENCE
ENGINEERING. TECHNOLOGIES. EDUCATION. SECURITY 2017

31.05-03.06.2017, VELIKO TARNOVO, HOTEL VELIKO TARNOVO
www.techtos.net



III INTERNATIONAL SCIENTIFIC CONGRESS
INNOVATIONS 2017

19.06-22.06.2017, VARNA, HOTEL AQUA- AZUR
www.innova-eng.eu



V INTERNATIONAL SCIENTIFIC CONGRESS
AGRICULTURAL MACHINERY 2017

21.06-24.06.2017, VARNA, HOTEL AQUA -AZUR
www.agrimachinery.net



XXV INTERNATIONAL SCIENTIFIC CONFERENCE
trans & MOTAUTO'17

28.06-01.07.2017, BURGAS, HOTEL ATLANTIS
www.trans-motauto.com



II INTERNATIONAL SCIENTIFIC CONFERENCE
CONSERVING SOILS AND WATER

30.08.-2.09.2017, BURGAS, HOTEL ATLANTIS
www.conserving-soils.eu



III INTERNATIONAL SCIENTIFIC CONFERENCE
**MATERIAL SCIENCE,
NONEQUILIBRIUM PHASE TRANSFORMATIONS 2017**

11-13.09.2017, VARNA, HOTEL AQUA-AZUR
www.material-science.eu



XIV INTERNATIONAL SCIENTIFIC CONGRESS - SUMMER SESSION
MACHINES. TECHNOLOGIES. MATERIALS 2017

13-16.09.2017, VARNA, HOTEL AQUA-AZUR
www.mtmcongress.com



XI CONFERENCE FOR YOUNG RESEARCHERS
TECNICAL SCIENCES INDUSTRIAL MANAGEMENT 2017

13-16.12.2017, BOROEVETS, HOTEL ELA
www.youngconference.com



II INTERNATIONAL SCIENTIFIC CONFERENCE
INDUSTRY 4.0

13-16.12.2017, BOROEVETS, HOTEL ELA
www.industry-4.eu

*time for presentation 10-12 minutes,
questions after each presentation*