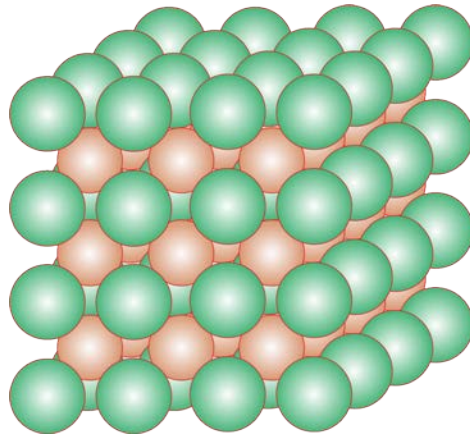


III INTERNATIONAL SCIENTIFIC CONFERENCE



**MATERIAL SCIENCE**  
**NONEQUILIBRIUM PHASE TRANSFORMATIONS**

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**2017**

# PROGRAM

**ORGANIZER:**



SCIENTIFIC -TECHNICAL UNION OF MECHANICAL ENGINEERING

*11.09. – 14.09.2017*  
*Varna, BULGARIA*

# PROGRAM

## 11.09.2017 (MONDAY)

16:00 – 20:00	REGISTRATION	IN FRONT OF CONFERENCE HALL №1
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## 12.09.2017 (TUESDAY)

08:00 – 10:00	REGISTRATION	IN FRONT OF CONFERENCE HALL №1
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CONFERENCE HALL №1		
10:00 – 10:05	OPENING OF THE CONFERENCE	
10:05 - 12:00	FIRST SESSION	

12:00 – 12:15	COLLECTIVE PICTURES OF PARTICIPANTS	THE STAIRS TO THE POOL
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### 12:15 - 14:00    **BREAK (NO LUNCH PROVIDED)**

CONFERENCE HALL №1		
14:00 – 16:00	SECCOND SESSION	
16:00 - 18:00	COFFEE BREAK and DISCUSSIONS	

19:30 – 24:00	“WELCOME” COCKTAIL - CONFERENCE BAR	
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## 13.09.2017 (WEDNESDEY)

10:00	CLOSING OF THE CONFERENCE WINE AND CHEESE PARTY	CONFERENCE BAR
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## 14.09.2017 (THURSDAY)

10:00	OPENING OF THE CONGRESS “MTM 2017”	HALL №1
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*time for presentation 10-12 minutes,  
questions after each presentation*

# SCIENTIFIC PROGRAM

12.09.2017 10:00 – 10:05	OPENING OF THE CONFERENCE	CONFERENCE HALL 1
	CHAIRMAN: PROF. D.Sc. STAVREV D. (BG)	

12.09.2017 10:05 – 12:00	FIRST SESSION	CONFERENCE HALL 1		
CHAIRMAN: PROF. D.Sc. STAVREV D. (BG)		CO-CHAIR: ASSOC. PROF. DIKOVA TS. (BG)		
1	EFFECT OF OXYGEN AND NITROGEN CONTENTS ON THE STRUCTURE OF THE Ti-6Al-4V ALLOY MANUFACTURED BY SELECTIVE LASER MELTING	Prof. Kazantseva N. Dr.of Sci. <sup>1</sup> , Prof. Krakhmalev P. PhD. <sup>2</sup> , Yadroitsev I. PhD. <sup>3</sup> , Fefelov A. PhD. <sup>4</sup> , Merkushev A. <sup>4</sup> , Ilyinikh M. <sup>4</sup> , Vinogradova N. PhD. <sup>1</sup> , Ezhov I. PhD Student <sup>1</sup> , Kurennykh T. PhD. <sup>1</sup> Institute of Metal Physics, Ekaterinburg, Russia <sup>1</sup> Karlstad University, SE-651 88, Karlstad, Sweden <sup>2</sup> Central University of Technology, Bloemfontein, South Africa <sup>3</sup> Regional Engineering Center of laser and additive technology, Ekaterinburg, Russia <sup>4</sup>	4	RU SE ZA
2	PRODUCTION OF POWDER POROUS MATERIALS FROM MECHANICALLY ACTIVATED ALUMINUM OXIDE	Prof., Dr. Eng., Cor. Member of NAS of Belarus Ilyushchanka A. <sup>1,2</sup> , Cand. Eng., Docent Kusin R. <sup>3</sup> , Cand. Eng., Docent Letsko A.I. <sup>2</sup> Charniak I. <sup>2</sup> , Zhehdryn D. <sup>2</sup> , Ilyukevich A. <sup>2</sup> State research and production powder metallurgy association <sup>1</sup> , State Scientific Institution "Powder metallurgy institute" <sup>3</sup> , Belarusian state agriculture technical university <sup>3</sup> - Minsk, Republic of Belarus	28	BY
3	EVOLUTION OF PHASES AT THE BIFURCATION POINT	Prof. Aldabergenov M.K. <sup>1</sup> , Prof. Balakaeva G.T. <sup>2</sup> Al-Farabi Kazakh national university <sup>1</sup> , K.Satpaev Kazakh national research technical university <sup>2</sup> - Almaty, Republic Kazakhstan	9	KZ
4	PRESSURE DERIVATIVES OF ELASTIC CONSTANTS OF ALUMINUM ALLOY AMg6 AND NANOSTRUCTURED ALLOY n-AMg6.	Assoc. Prof., Dr. Prokhorov V. <sup>1</sup> , Leading Res., Dr. Gromnitskaya E. <sup>2</sup> , Technological Institute for Superhard	12	RU

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

	COMPARISON OF EXPERIMENTAL AND CALCULATED FROM THIRD-ORDER ELASTIC CONSTANTS DATA	and Novel Carbon Materials <sup>1</sup> , Moscow, Russia, Institute for High Pressure Physics Russian Academy of Sciences <sup>2</sup> , Moscow, Russia,		
5	MODELING OF METAL CRYSTALLIZATION BY MEANS OF CELLULAR AUTOMATON	Assoc.Prof. Gusakova O. V. <sup>1</sup> , Prof. D.Sc. Ass. Prof., Dr. Eng. Donii O. National Technical University of Ukraine "Kyiv Polytechnic Institute named after Igor Sikorsky" - Kyiv, Ukraine	25	UA
6	STRUCTURAL-PHASE TRANSFORMATIONS DURING CONTINUOUS COOLING OF MEDIUM-CARBON HIGH-STRENGTH STEELS WITH DIFFERENT CONTENT OF MOLYBDENUM AND NIOBIUM	Prof. Koptseva N.V., PhD Chukin D.M., Gushchina M.S. Magnitogorsk State Technical University, Magnitogorsk, Russia	1	RU

**12:00 - 14:00 BREAK (NO LUNCH PROVIDED)**

12.09.2017 14:00 – 16:00		SECOND SESSION	CONFERENCE HALL 1	
CHAIR: PROF.DSC. KAZANTSEVA N. (RU)		CO-CHAIR: ASSOC.PROF. DR. CHARNIAK I. (BY)		
7	ANALYSIS OF THE GRAIN BOUNDARY MICROSTRUCTURE AND DEGRADATION IN A GAS TURBINE BLADE	Davydov D.I., Kazantseva N.V., Vinogradova N.I., Ezhov I.V., Stepanova N. N. Institute of Metal Physics of Ural Branch of Russian Academy of Sciences, Ekaterinburg, Russia	7	RU
8	RESIDUAL STRESSES AND FRACTURE TOUGHNESS BORIDE CERAMIC COMPOSITES WITH MONOCRYSTALLINE MATRIX	<sup>1</sup> Soloviova T.O., <sup>1</sup> Loboda P.I., <sup>2</sup> Karasevska O.P., <sup>1</sup> Samsonik I.V. <sup>1</sup> National Technical University of Ukraine "KPI", Peremohy Av. 37, 03680 Kyiv, Ukraine <sup>2</sup> Institute Metal Physics. G.V. Kurdyumov Sciences of Ukraine, blvd.Acad. Vernadskogo 36, 03680 Kyiv, Ukraine	13	UA
9	ELECTRON TRANSPORT OF AL-CU-CO-FE QUASICRYSTALS AND CRYSTALLINE APPROXIMANTS.	Шулятев Дмитрий Александрович Национальный исследовательский технологический университет «Мисис» - Москва, Россия	23	RU
10	MAGNETIC AND ELECTROCONDUCTIVE PROPERTIES OF THE PURE CARBON SOOT SYNTHESISED BY ARC DISCHARGE	Zaikovskii A.V. PhD. <sup>1</sup> Kutateladze Institute of Thermophysics SB RAS, Ac. Lavrentiev Ave. 1, 630090, Novosibirsk, Russia <sup>1</sup>	24	RU
11	PHASE ANALYSIS OF MECHANICAL ALLOYED NI-TI POWDER COMPACTS AFTER SINTERING	M.Sc. Yurtsever Ö., Assoc. Prof. Dr. Özkal B	46	TR
12	ONE-STEP SYNTHESIS OF NANOCRYSTALLINE OXIDES WITH UNUSUAL PHYSICAL PROPERTIES. MULLITE-TYPE SOLID SOLUTIONS SYNTHESIZED	Fabián Martín <sup>1</sup> , Santiago T. Rafael <sup>2</sup> , Klebso L. Da Silva <sup>2</sup> , Kostová Nina <sup>3</sup> , Šepelák Vladimír <sup>1</sup>	18	SK BR BG

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

	VIA MECHANOCHEMICAL/THERMAL TREATMENT	<sup>1</sup> Institute of Geotechnics, Slovak Academy of Sciences, Kosice, Slovakia, <sup>2</sup> State University of Maringá, Maringá, Brazil, <sup>3</sup> Institute of Catalysis, Bulgarian Academy of Science		
13	EVALUATION OF THE RESIDUAL STRESSES IN ADVANCED COMPOSITE CERAMIC COATINGS USING X-RAY DIFFRACTION AND FINITE ELEMENT TECHNIQUES	Prof. Dr. Adel K. Mahmoud, Dr. Zaid S. Hammoudi, M.Sc. Student Samah R. Hassan Faculty of Engineering , Diyala University , Diyala- Baqouba – Iraq	45	IQ

16:00 – 18:00	COFFEE BREAK and DISCUSSIONS - CONFERENCE BAR
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19:30 – 24:00	“WELCOME” COCKTAIL - CONFERENCE BAR
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TUESSDAY (12.09)	09:00 – 19:00	POSTER SESSION	CONFERENCE HALL 1	
WEDNESDAY (13.09)	09:00 – 13:00			
14	MATHEMATICAL MODELLING OF HOT PLASTIC DEFORMATION OF MICROALLOYED STEELS	Ph.D. Opiela M. Institute of Engineering Materials and Biomaterials – Silesian University of Technology, Gliwice, Poland	2	PL
15	TRANSFORMATION OF HETEROPHASE NON-METALLIC INCLUSIONS “HIGH-MELTING PHASE SURROUNDING WITH LOW-MELTING COVER” IN STEELS UNDER LASER ACTION	Prof.. Dr. Sci. Gubenko S. National Metallurgical academy of Ukraine Dnepropetrovsk, Ukraine	3	UA
16	ELASTIC PHASE TRANSITION IN METALS: THE PRESSURE EFFECT	Dr. Krasilnikov O.M. <sup>1</sup> , Prof, Dr. Vekilov Yu.Kh <sup>1,2</sup> , PhD Lugovskoy A.V. <sup>2</sup> , PhD Belov M.P. <sup>2</sup> <sup>1</sup> Department of Theoretical Physics and Quantum Technologies, <sup>2</sup> Material Modeling and Development Laboratory - National University of Science and Technology “MISIS”,	5	RU
17	THE IMPACT OF CURRENT SHAPE DURING THE CONSOLIDATION PROCESS ON PHYSICO-MECHANICAL PROPERTIES OF FUNCTIONAL FE – TI – C – B SYSTEM MATERIALS	Prof. DSc. Olha Syzonenko Institute of Pulse Processes and Technologies of NAS of Ukraine	8	UA
18	NONCONVENTIONAL METHODS OF HEAT TREATMENT OF ALUMINUM ALLOYS	Prof. Dr. Eng. Afanasyev V., Prof. Dr. Eng. Popova M., Prof. Dr. Eng. Prudnikov A. Siberian State Industrial University, Novokusnezsk, Russia	10	RU

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

19	INFLUENCE OF THERMAL-CYCLIC DEFORMATION AND HEAT TREATMENT ON THE STRUCTURE AND PHYSICAL PROPERTIES OF STEEL 10	D.Sc. (Eng.), Prof. Prudnikov A., Ph.D. student Prudnikov V. Siberian State Industrial University, Russia	11	RU
20	CUTTING TOOL COMPLEX COOL SYSTEM BASED ON PHASE CHANGED MATERIALS FOR DRY MACHINING	Cand. of Eng. Sciences Dubrov D.Y. <sup>1</sup> , Cand. Of Eng. Sciences, Prof. Dubrov Y.S. <sup>2</sup> , Cand. Of Ph.-Math. Sciences Prihodko G.I. <sup>3</sup> Research Center «Diapazone-1» <sup>1</sup> , Don State Technical University <sup>2</sup> , Southern Federal University <sup>3</sup> – Rostov-on-Don	15	RU
21	THE STRUCTURAL AND TOPOLOGICAL HEREDITARY UPON CRYSTALLIZATION OF NEAR-EUTECTIC ALLOYS	Ass. Prof. Ph.D. Degtyareva Antonina <sup>1</sup> , Ass. Prof. Ph.D. Tundybayeva Elmira <sup>1</sup> , master Imankulova Sara <sup>1</sup> Kazakh National Research Technical University after K.I.Satpaev, (KazNRTU) <sup>1</sup> - Almaty, Kazakhstan	20	KZ
22	EFFECT OF HOT PLASTIC DEFORMATION ON DECOMPOSITION OF MAGNESIUM SOLID SOLUTION CONTAINING RARE-EARTH METALS	Prof. Rokhlin L.L., PhD. Lukyanova E.A., PhD. Dobatkina T.V., Korolkova I.G., Ovchinnikova O.A. Institution of Russian Academy of Sciences A.A. Baikov Institute of Metallurgy and Material Science RAS, Russia	22	RU
23	AMORPHOUS SILICON OXYNITRIDE THIN-FILM OBTAINED FROM ORGANOSILICON COMPOUNDS.	Katarzyna Oleśko, Hieronim Szymanowski, Maciej Gazicki-Lipman, Witold Szymański, Anna Sobczyk-Guzenda Institute of Materials Science and Engineering, Lodz University of Technology	26	PL
24	INFLUENCE OF BEAM DEFLECTION ON PROPERTIES OF ELECTRON BEAM HARDENED LAYER	Eng. Jiří Matlák Brno University of Technology	27	CZ
25	SCHEME OF TREATMENT AND ITS EFFECT ON THE STRAIN HETEROGENEITY AND STRUCTURAL CHANGES IN BILLETS OF LOW-CARBON STEEL	V.I. Semenov <sup>1,2</sup> , G.A. Aleshin <sup>2</sup> , A.G. Raab <sup>2</sup> , N. Tontchev <sup>3</sup> , V. Kamburov <sup>3</sup> , E. Yankov <sup>4</sup> <sup>1</sup> Institute of Strategic Studies, Ufa, Russia <sup>2</sup> Ufa State Aviation Technical University, Ufa, Russia, <sup>3</sup> Todor Kableshkov Higher School of Transport, Sofia, Bulgaria <sup>4</sup> University of Ruse Angel Kanchev, Ruse, Bulgaria	31	RU BG
26	USE OF FOUNDRY SAND WASTES IN SELF-COMPACTING MORTARS AS A CEMENTITIOUS MATERIALS	Dr. Brahim Safi Boumerdes University, Algeria	32	DZ
27	NEW METHODOLOGY FOR MEASURING THE FITTING GAP OF FIXED PARTIAL DENTURES USING CAD SOFTWARE	Head Assist. Prof. Dr Vasilev T. <sup>1</sup> , Assoc. Prof. Dikova T. <sup>2</sup> , Assist. Prof. Dr Dzhendov D. <sup>2</sup> , Head Assist. Prof. Dr Ivanova E. <sup>1</sup> <sup>1</sup> Nikola Vaptsarov Naval Academy,	34	BG

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

		Varna, Bulgaria <sup>2</sup> Faculty of Dental Medicine, Medical University of Varna, Bulgaria		
28	EFFECT OF INITIAL MOLD TEMPERATURE ON THE CRYSTALLIZATION KINETICS OF CU <sub>47</sub> NI <sub>8</sub> TI <sub>34</sub> ZR <sub>11</sub> ALLOY	Associate prof. Kosynska O.L. Department of Condensed Matter Physics Dniprovsk State Technical University, Ukraine	35	UA
29	DISPOSABLE ELECTROCHEMICAL IMMUNOSENSOR FOR BRETTANOMYCES BRUXELLENSIS BASED ON NANOGOLD-REDUCED GRAPHENE OXIDE HYBRID NANOMATERIAL	Boryana Borisova, <sup>a</sup> María L. Villalonga, <sup>b</sup> María Arévalo-Villena, <sup>c</sup> Abderrahmane Boujakhrou, <sup>a</sup> Alfredo Sánchez, <sup>a</sup> Concepción Parrado, <sup>a</sup> José M. Pingarrón, <sup>c</sup> Ana Briones-Pérez, <sup>d,*</sup> Reynaldo Villalonga <sup>a,*</sup> <sup>a</sup> Complutense University of Madrid, Spain <sup>b</sup> Center for Enzyme Technology, University of Matanzas, Cuba <sup>c</sup> Complutense University of Madrid, Spain <sup>d</sup> Regional Institute of Applied Scientific Research (RIASR), Av Camilo Jose Cela S/N, Universidad de Castilla-La Mancha, Spain	39	ES CU
30	NANOCOMPOSITE MATERIALS BASED ON THERMOPLASTIC BLENDS FOR THE TECHNOLOGICAL EQUIPMENT WITH A LONG SERVICE LIFE	Senior lecturer Antonov A. <sup>1</sup> , Assoc. Prof. cand. eng. Avdeychik S. <sup>2</sup> , Senior lecturer Sarokin V. <sup>3</sup> , Prof. Dr. Eng. Struk V. <sup>4</sup> , Assoc. Prof. cand. eng. Vorontsov A. <sup>5</sup> , Assoc. Prof. cand. eng. Mikhailova L. <sup>6</sup> Faculty of Innovative Technologies of Mechanical Engineering <sup>1,3,4,5,6</sup> – Yanka Kupala State University of Grodno, Belarus, Molder, ltd <sup>2</sup> – Grodno, Belarus	41	BY
31	MULTILEVEL MODIFICATION IN MATERIALS SCIENCE AND POLYMER NANOCOMPOSITES TECHNOLOGY	Assoc. Prof. cand. eng. Avdeychik S. <sup>1</sup> , Senior lecturer Antonov A. <sup>2</sup> , Prof. Dr. Eng. Struk V. <sup>3</sup> , Assoc. Prof. cand. eng. Vorontsov A. <sup>4</sup> , Assoc. Prof. cand. eng. Abdurazakov A. <sup>5</sup> Molder, ltd <sup>1</sup> – Grodno, Belarus, Faculty of Innovative Technologies of Mechanical Engineering <sup>2,3,4</sup> – Yanka Kupala State University of Grodno, Belarus, Faculty of Vehicle and Transport Systems Operation <sup>5</sup> – Tashkent Institute of Design, Construction and Maintenance of Automotive Roads, Uzbekistan	43	BY UZ
32	INFLUENCE OF STRUCTURAL AND PHASE TRANSFORMATION ON PROPERTIES OF SEVERELY DEFORMED DISPERSION-HARDENING ALLOYS	S.N. Faizova <sup>1,2</sup> , I.A. Faizov <sup>2</sup> , V.I. Semenov <sup>3</sup> , F.F. Hizbullin <sup>1</sup> <sup>1</sup> Ufa State Petroleum Technological University <sup>2</sup> Institute for Metals Superplasticity	44	RU

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

		Problem RAS, <sup>3</sup> ASI Institute for Strategic Studies, RB,Ufa,Russia		
33	MODELLING OF MAGNETODYNAMIC PLASMA FLOWS	A.V.Radenko, V.V.Radenko (MEC QUASAR Ltd) & M.V.Dolgoplov (Laboratory of Mathematical Physics, (Samara University)	48	RU
34	KINETICS OF FRONTS OF THE DEFORMATION PHASE TRANSFORMATION IN NITINOL	Prof. dr. phys.-mat. sci. Danilov V. <sup>1,2a</sup> , Cand. phys.-mat. sci. Gorbatenko V. <sup>1b</sup> , Prof. dr. phys.-mat. sci. Zuev L. <sup>1,3c</sup> , Cand. phys.-mat. sci. Orlova D. <sup>1,2d</sup> Institute of Strength Physics and Material Science Siberian Branch of Russian Academy of Sciences <sup>1</sup> , Tomsk Polytechnic University <sup>2</sup> , Tomsk State University <sup>3</sup>	49	RU
35	STUDY OF PHASE TRANSFORMATIONS IN THE ROLLS OF ALLOY STEELS DURING QUENCHING BASED ON FINITE-ELEMENT MODEL	Dr.Sc. Bobyr S.V., Dr. Krot P.V., eng. Loschkarev D.V., eng. Dedik M.O., eng. Sharfnadel S.A. Iron and Steel Institute of Z.I. Nekrasov, National Academy of Sciences of Ukraine	30	UA
36	<sup>14</sup> C-BETAVOLTAIC ENERGY CONVERTER IN POR-SIC/SI	V.I.Chepurnov, M.V.Dolgoplov, A.V.Gurskaya, A.A.Akimchenko, O.V.Kuznetsov (Samara University, Institute of Natural Sciences), A.V.Radenko, V.V.Radenko (MEC QUASAR Ltd) , A.S.Mashnin (SPAIT LIC)	37	RU
37	CORROSION PROPERTIES OF DIFFUSIONAL ZINC COATINGS OBTAINED BY NANOGALVANIZING	Galin R. G. <sup>1</sup> , Biryukov A. I. <sup>2</sup> , Zakharyevich D. A. <sup>2</sup> , Batmanova T. V. <sup>2</sup> , Yankov E. <sup>3</sup> , Fiskuchev S. <sup>4</sup> , <sup>1</sup> LLC "VIKA-GAL", Chelyabinsk, <sup>2</sup> Chelyabinsk state university, Chelyabinsk, Russia <sup>3</sup> University of Ruse, Dept. Material Science and Technology, Ruse, 8 Studentska Str., Bulgaria <sup>4</sup> Chief Termoserviz OOD, Ruse,	50	BG
38	STRUCTURE, MECHANICAL PROPERTIES AND CORROSION RESISTANCE OF MAGNESIUM ALLOY WE43 AFTER EQUAL-CHANNEL ANGULAR PRESSING	PhD student Martynenko N.S. <sup>1,2</sup> , PhD Lukyanova E.A. <sup>1,2</sup> , PhD student Tokar A.A. <sup>1,2</sup> , Prof. Dr. Sci. Raab G.I. <sup>3</sup> , Prof. Birbilis N. <sup>4</sup> , Prof. Dr. Sci. Dobatkin S.V. <sup>1,2</sup> , Prof. PhD Estrin Yu.Z. <sup>1,4</sup> <sup>1</sup> National University of Science and Technology "MISIS", Laboratory of Hybrid Nanostructured Materials, Moscow, Russia <sup>2</sup> A.A. Baikov Institute of Metallurgy and Materials Science of Russian Academy of Sciences, Moscow, <sup>3</sup> Ufa State Aviation Technical University, Ufa, Russia <sup>4</sup> Department of Materials Engineering, Monash University, Clayton, VIC 3800, Australia	51	RU AU

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



39	EFFECT OF Ni ADDITION ON STRUCTURE FORMATION AT <i>IN-SITU</i> SYNTHESIS OF TiC HARDENED Fe-BASED POWDERED ALLOY	Dr. Sc., Prof. Bagliuk G.A., M.Sc. Maximova G.A., M.Sc. Bezdorozhev O.V., M.Sc. Goncharuk D. A. Institute for Problems of Materials Science, National Academy of Science of Ukraine	52	UA
40	GRADIENT INTERFERENCE OPTICAL FILTERS MANUFACTURED FROM ORGANOSILICON COMPOUNDS WITH THE RF PECVD TECHNIQUE	Katarzyna Oleśko, Hieronim Szymanowski, Maciej Gazicki-Lipman, Anna Sobczyk-Guzenda Lodz University of Technology	38	PL

19:30 – 24:00	“WELCOME” COCKTAIL - CONFERENCE BAR
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### 13.09.2017 (WEDNESDAY)

10:00	CLOSING OF THE CONFERENCE WINE AND CHEESE PARTY	CONFERENCE BAR
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### 14.09.2017 (THURSDAY)

10:00	OPENING OF THE CONGRESS „MTM”	CONFERENCE HALL 1
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## ***NEXT CONFERENCE “MATERIALS SCIENCE. NON-EQUILIBRIUM PHASE TRANSFORMATIONS 2018”***

***10.09-13.09.2018, VARNA, HOTEL “AQUA AZUR”***

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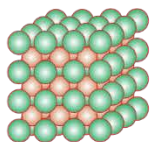
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*time for presentation 10-12 minutes,  
questions after each presentation*







2017

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

11-14.09.2017, VARNA, HOTEL AQUA-AZUR  
[www.material-science.eu](http://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](http://www.mtmcongress.com)



INTERNATIONAL SCIENTIFIC CONFERENCE ON SECURITY  
**CONFSEC 2017**

11 - 14 December, 2017, Borovets, Hotel ELA  
[www.confsec.eu](http://www.confsec.eu)



MATHMODEL'17

INTERNATIONAL SCIENTIFIC CONFERENCE  
**MATHEMATICAL MODELING**  
**PROCESSES AND SYSTEMS**

13 - 16. DECEMBER, 2017, BOROVELTS, BULGARIA



INDUSTRY 4.0

II INTERNATIONAL SCIENTIFIC CONFERENCE  
**INDUSTRY 4.0**

13-16.12.2017, BOROVELTS, HOTEL ELA  
[www.industry-4.eu](http://www.industry-4.eu)



HTBS' 2018

III INTERNATIONAL SCIENTIFIC CONFERENCE  
**HIGH TECHNOLOGIES. BUSINESS. SOCIETY 2018**

12-15.03.2018, Borovets, Hotel ELA  
[www.hightechsociety.eu](http://www.hightechsociety.eu)



2018

XI CONFERENCE FOR YOUNG RESEARCHERS  
**TECNICAL SCIENCES. INDUSTRIAL MANAGEMENT 2018**

14-17.03.2018, BOROVELTS, HOTEL ELA  
[www.youngconference.com](http://www.youngconference.com)



XV INTERNATIONAL SCIENTIFIC CONGRESS - WINTER SESSION  
**MACHINES. TECHNOLOGIES. MATERIALS 2018**

14-17.03.2018, Borovets, Hotel ELA  
[www.mtmcongress.com](http://www.mtmcongress.com)



FOUNDRY 2018

XXV INTERNATIONAL AND TECHNICAL CONFERENCE  
**FOUNDRY 2018**

05-07.04.2018, PLEVEN, HOTEL ROSTOV  
[www.metalcasting.eu](http://www.metalcasting.eu)



2018

VI INTERNATIONAL SCIENTIFIC CONFERENCE  
**ENGINEERING. TECHNOLOGIES. EDUCATION. SECURITY 2018**

30.05-02.06.2018, VELIKO TARNOVO, HOTEL VELIKO TARNOVO  
[www.techtos.net](http://www.techtos.net)



INNOVATIONS

IV INTERNATIONAL SCIENTIFIC CONGRESS  
**INNOVATIONS 2018**

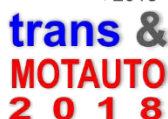
18.06-21.06.2018, VARNA, HOTEL AQUA-AZUR  
[www.innova-eng.eu](http://www.innova-eng.eu)



2018

VI INTERNATIONAL SCIENTIFIC CONGRESS  
**AGRICULTURAL MACHINERY 2018**

20.06-23.06.2018, VARNA, HOTEL AQUA-AZUR  
[www.agrimachinery.net](http://www.agrimachinery.net)



2018

XXVI INTERNATIONAL SCIENTIFIC CONFERENCE  
**trans & MOTAUTO'18**

27.06-30.06.2018, BURGAS, HOTEL ATLANTIS  
[www.trans-motauto.com](http://www.trans-motauto.com)

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