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**PAPERS PRESENTED AT CONFERENCES AND / OR PUBLISHED IN SPECIALIST PUBLICATIONS
2016**

**LUCRĂRI ȘTIINȚIFICE PREZENTATE LA CONFERINȚE ȘI / SAU PUBLICATE ÎN PUBLICAȚII DE
SPECIALITATE 2016**

No.	Article	Scientific Events	Publication	Author,
1.	Research on the potentiality of using aerial vehicles for monitoring the environment agent - air	11th International Conference “Environmental Legislation, Safety Engineering and Disaster Management” 26 - 28 May 2016, Cluj-Napoca	Book of Abstracts ISBN 978-606-93873-1-3	<i>Marius Kovacs, George Artur Găman, Daniel Pupăzan, Angelica Călămar, Alin Irimia</i>
2.	Raising economic agent's resilience in case of damages in toxic/explosive/flammable environments by implementing intervention and rescue activities in hazardous environments	11th International Conference “Environmental Legislation, Safety Engineering and Disaster Management” 26 - 28 May 2016, Cluj-Napoca	Book of Abstracts ISBN 978-606-93873-1-3	<i>Cosmin Ilie, George Artur Găman, Daniel Pupăzan, Angelica Călămar, Andrei Gireadă</i>
3.	Experimental determination of explosion characteristics for aluminum powder derived from technological processes	11th International Conference “Environmental Legislation, Safety Engineering and Disaster Management” 26 - 28 May 2016, Cluj-Napoca	Book of Abstracts ISBN 978-606-93873-1-3	<i>Irina Nalboc, Constantin Lupu, Maria Prodan, Andrei Szollosi-Mota, Adrian Jurca</i>
4.	Effects of close range blasts on steel frames,	International Colloquim on	Proceedings of the	<i>Floreac Dinu,</i>



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	experimental testing and numerical validation	Stability and Ductility of Steel Structures SDSS'2016 Timișoara	International Colloquim on Stability and Ductility of Steel Structures ISBN: 978-92-9147-133-1	<i>Ioan Mărginean, Andreea Sigauan, Politehnica University Timisoara Attila Kovacs, Emilian Ghicioi, Dragos Vasilescu INCD INSEMEX</i>
5.	Risk assessment of occupational exposure to asbestos dust at industrial workplaces	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Energy and Clean Technologies Conference Proceedings Vol. II ISBN 978-619-7105-64-3 ISSN 1314-2704	<i>Lorand Toth, Angelica Călămar George A. Găman, Daniel Pupăzan, Sorin Simion</i>
6.	Safety and health at work concerning occupational exposure to noise in steel industry workers.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Energy and Clean Technologies Conference Proceedings Vol. II ISBN 978-619-7105-64-3 ISSN 1314-2704	<i>Simion Sorin, Lorand Toth Angelica Călămar, Daniel Pupăzan, Alin Irimia</i>
7.	Psychological analysis of work of intervention and rescue activities in toxic / flammable / explosive environments.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Ecology, Economics, Education and Legislation Conference Proceedings Vol. III ISBN 978-619-7105-67-4 ISSN 1314-2704	<i>Izabella Kovacs, George A. Găman, Daniel Pupăzan Angelica Călămar, Cosmin Ilie</i>
8.	Certification of explosion-proof equipment in	International Multidisciplinary Scientific Geoconference -	Science and Technologies in Geology, Exploration	<i>Sorin Burian, Mihai Magyari Lucian Moldovan, George A.</i>



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	Romania. past, present and future	SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	and Mining Conference Proceedings Vol. III ISBN 978-619-7105-57-5 ISSN 1314-2704	<i>Găman, Leonard Lupu</i>
9.	The influence of the turbulence of the testing explosive mixture on the maximum explosion pressures, recorded during the type tests of electric motors, tested while running.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. III ISBN 978-619-7105-57-5 ISSN 1314-2704	<i>Mihai Magyari, Sorin Burian, Lucian Moldovan, Dragoș Fotău, Cosmin Colda</i>
10.	Aspects on proficiency testing for spark ignition test	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. III ISBN 978-619-7105-57-5 ISSN 1314-2704	<i>Marius Darie, Sorin Burian, Tiberiu Csaszar, Lucian Moldovan, Cosmin Colda</i>
11.	Researches regarding development of mechanical testing of mining electrical cables for the purpose of their certification in the voluntary field	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Niculina Vătavu, Florin A. Păun, Adrian M. Jurca, Leonard Lupu, Dan Gabor</i>
12.	Solving the ventilation network of Lupeni mine unit in standard conditions.	International Multidisciplinary Scientific Geoconference -	Science and Technologies in Geology, Exploration	<i>Doru Cioclea, Marius Morar, Ion Gherghe</i>



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		SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Florin Rădoi, Corneliu Boantă,</i>
13.	Modern engineering practice for preventing the self ignition hazard of coal.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Cristian Tomescu, Andrei Szollosi-Mota, Emeric Chiuza, Florin Rădoi, Adrian Matei</i>
14.	Identification of the pyrophoric sulfides collected from the wastes of the equipment affected by fire or explosion.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. III ISBN 978-619-7105-57-5 ISSN 1314-2704	<i>Andrei Szollosi-Mota, Constantin Lupu, Prodan Maria, Nalboc Irina</i>
15.	Analytical method for assessment of technological risk on controlled demolition with civil use explosives of mining industrial or civil objectives, ensuring a sustainable environment.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Attila Kovacs, Edward Gheorghiosu, Gabriel Vasilescu Daniela Rus, Ilie-Ciprian Jitea</i>
16.	Implementation of a modern vocational training of blasters for underground or surface mining.	International Multidisciplinary Scientific Geoconference -	Science and Technologies in Geology, Exploration	<i>Edward Gheorghiosu, Attila Kovacs, Daniela Rus, Ilie-</i>



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		SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Ciprian Jitea, Stefan Ilaci</i>
17.	Considerations on impact resistance tests for electrical equipment used in explosive atmospheres.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Vlad-Mihai Păsculescu, Nicolae-Ioan Vlasin, Marius Cornel Šuvar, Emilian Ghicioi</i>
18.	Research of air-methane explosions using high speed imagery analysis.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Nicolae-Ioan Vlasin, Vlad-Mihai Păsculescu, Marius Cornel Šuvar, Eugen Cozma Daniel Florea</i>
19.	Analysis of the impact of using High Performance Computing in fire modeling.	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Informatics, Geoinformatics and Remote Sensing Conference Proceedings Vol. I ISBN 978-619-7105-58-2 ISSN 1314-2704	<i>Marius Cornel Šuvar, Nicolae Ioan Vlasin, Vlad Mihai Păsculescu, Emilian Ghicioi</i>
20.	Updating the ventilation network of Lonea mine unit using dedicated IT software.	International Multidisciplinary Scientific Geoconference -	Science and Technologies in Geology, Exploration	<i>Marius Simion Morar, Sorin Mihai Radu, Doru Cioclea, Ion</i>



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21.	Computational analysis of reaction rate in air-methane stoichiometric combustion	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Nicolae-Ioan Vlasin, Cosmin Colda, Dragoş Păsculescu, Vlad-Mihai Păsculescu, Dragoş Fotău</i>
22.	Dynamic mesh method used for modelling air-methane explosions occurred in confined spaces	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Nicolae-Ioan Vlasin, Vlad-Mihai Păsculescu, Cosmin Colda, Dragoş Păsculescu, Dragoş Fotău</i>
23.	Turbulence modelling in computational simulation of methane explosions	International Multidisciplinary Scientific Geoconference - SGEM 2016 28 June - 7 July, 2016 ,Albena Resort, Bulgaria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings Vol. II ISBN 978-619-7105-56-8 ISSN 1314-2704	<i>Nicolae-Ioan Vlasin, Cosmin Colda, Vlad-Mihai Păsculescu, Dragoş Păsculescu, Dragoş Fotău</i>
24.	Status of implementation of the Directive 93/15/ CEE and of the new Directive 2014 / 28 / EU	13 rd International Conference on Drilling and Blasting	-	<i>Attila Kovacs, Gabriel Vasilescu, Daniela Carmen Rus,</i>



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	regarding the explosives for civil use in the Romanian notified body	Technology–2016 September 14th-16th 2016, Velence, Hungary		<i>Ciprian Jitea, Edward Gheorghiosu, Stefan Ilici</i>
25.	Monitoring the seismic effect generated by blasting works performed in quarries	13 rd International Conference on Drilling and Blasting Technology–2016 September 14th-16th 2016, Velence, Hungary	-	<i>Edward Gheorghiosu, Emilian Ghicioi, Daniela Carmen Rus, Gabriel VAsilescu, Attila Kovacs</i>
26.	Impact of carbon monoxide on the environment and human health	XXIV International Conference "ECOLOGICAL TRUTH" Eco-Ist'16 12 - 15 June 2016, Hotel "BREZA" Vrnjacka Banja, Serbia	Proceedings XXIV International Conference Ecological Truth ISBN 978-86-6305-043-3	<i>Angelica Călămar, George Artur Găman, Daniel Pupăzan, Mariu. Kovacs, Sorin Simion</i>
27.	Effects of wood dusts on worker's health in Romanian wood industry	XXIV International Conference "ECOLOGICAL TRUTH" Eco-Ist'16 12 - 15 June 2016, Hotel "BREZA" Vrnjacka Banja, Serbia	Proceedings XXIV International Conference Ecological Truth ISBN 978-86-6305-043-3	<i>Marius Kovacs, George Artur Găman, Angelica Călămar, Lorand Toth, Sorin Simion</i>
28.	Method for restoring a mine ventilation network affected by an explosion phenomena	13th WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM - FOREN 2016 12-16 June 2016. Costinesti, Romania	-	<i>Marius Cornel Șuvar, Victor Arad, Susana Arad, Doru Cioclea, Vlad M. Pascalescu, Nicolae Vlasin</i>
29.	Aspects regarding explosion risk assessment in petrol and gas industry	13th WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM - FOREN 2016	-	<i>Mihaela Păräian, Florin Păun, Adrian Jurca, Niculina Vătavu, Leonard Lupu</i>



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		12-16 June 2016. Costinesti, Romania		
30.	Study on the protection to earthings in high voltage installations with ground-isolated neutral point	INTERNATIONAL SCIENTIFIC CONFERENCE UMG "ST. IVAN RILSKI", 28 October 2016, Sofia - Bulgaria	Annual of University of Mining and Geology "ST. IVAN RILSKI" - Sofia. Vol.59, Part III: Mechanization, Electrification and Automation in Mines ISSN 1312-1820	<i>Vlad Mihai Păsculescu, Nicolae Ioan Vlasin, Marius Cornel řuvar, Daniel Florea</i>
31.	Dimensional inspection of bridges by using the limnimetric key	INTERNATIONAL SCIENTIFIC CONFERENCE UMG "ST. IVAN RILSKI", 28 October 2016, Sofia - Bulgaria	Annual of University of Mining and Geology "ST. IVAN RILSKI" - Sofia. Vol.59, Part III: Mechanization, Electrification and Automation in Mines ISSN 1312-1820	<i>Lorand Toth, Angelica Călămar, George Artur Găman, Sorin Simion, Marius Kovacs</i>
32.	New tools that can be used in ventilation networks	INTERNATIONAL SCIENTIFIC CONFERENCE UMG "ST. IVAN RILSKI", 28 October 2016, Sofia - Bulgaria	Annual of University of Mining and Geology "ST. IVAN RILSKI" - Sofia. Vol.59, Part II: Mining and Mineral Processing, ISSN 1312-1820	<i>Doru Cioclea, Constantin Lupu, Ion Gherghe, Florin Rădoi, Corneliu Boantă</i>
33.	Ignition and Propagation Properties of Coal Dust - Methane - Air Hybrid Mixtures	16th International Conference of Physical Chemistry ROMPHYSCHM16 , 21-23 Septembrie Galați, România	-	<i>Maria Prodan, Emilian Ghicioi, Adrian Jurca, D. Oancea</i>



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34.	Simulations of Air-Methane Explosions Based on Experiments	16th International Conference of Physical Chemistry ROMPHYSCHM16 , 21-23 Septembrie Galați, România	-	Nicolae-Ioan Vlasin, Maria Prodan, Emilian Ghicioi, Dănuț Chirila
35.	Assessment of workers occupational exposure in the context of industrial toxicology	"World Multidisciplinary Earth Sciences Symposium – WMES 2016", 5-9 September 2016, Prague (Czech Republic)	Abstract Collection Book CD - WMES 2016 ISBN: 978-80-270-0316-7 IOP Conf. Series: Earth and Environmental Science 44 (2016) 032004 doi:10.1088/1755-1315/44/3/032004	Călămar Angelica, George Artur Găman, Toth Lorand, Daniel Pupăzan, Simion Sorin
36.	Computational study of scenarios regarding explosion risk mitigation	"World Multidisciplinary Earth Sciences Symposium – WMES 2016", 5-9 September 2016, Prague (Czech Republic)	Abstract Collection Book CD - WMES 2016 ISBN: 978-80-270-0316-7 IOP Conf. Series: Earth and Environmental Science 44 (2016) 032017 doi:10.1088/1755-1315/44/3/032017	Nicolae-Ioan Vlasin, Vlad Mihai Păsculescu, Gheorghe-Daniel Florea, Marius Cornel Şuvar
37.	Monte Carlo simulations of proficiency testing for geometric distributed test results	"World Multidisciplinary Earth Sciences Symposium – WMES 2016", 5-9 September 2016, Prague (Czech Republic)	Abstract Collection Book CD - WMES 2016 ISBN: 978-80-270-0316-7 IOP Conf. Series: Earth and Environmental Science 44 (2016) 042041 doi:10.1088/1755-1315/44/4/042041	Marius Darie, Sorin Burian, Tiberiu Csaszar, Leonard Lupu, Lucian Moldovan, Cosmin Colda, Adriana Andriș



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38.	Modern monitoring with preventive role for a production capacity	"World Multidisciplinary Earth Sciences Symposium – WMESS 2016", 5-9 September 2016, Prague (Czech Republic)	Abstract Collection Book CD - WMESS 2016 ISBN: 978-80-270-0316-7 IOP Conf. Series: Earth and Environmental Science 44 (2016) 032007 doi:10.1088/1755-1315/44/3/032007	<i>Cristian Tomescu, Constantin Lupu, Andrei Szollosi-Mota, Florin Rădoi, Emeric Chiuzan</i>
39.	Implementing the requirements of the European rules named "REACH" specific of the safety activity with fireworks	"World Multidisciplinary Earth Sciences Symposium – WMESS 2016", 5-9 September 2016, Prague (Czech Republic)	Abstract Collection Book CD - WMESS 2016 ISBN: 978-80-270-0316-7	<i>Ciprian Jitea, Attila Kovacs, Daniela Rus, Edward Gheorghiosu, Gabriel Dragoș Vasilescu</i>
40.	Tehnologie de colectare si tratare a levigatului din depozitele de deseuri in vederea reducerii nivelului de poluare	Simpozionul International ISB-INMA-TEH Bucuresti 2016	-	<i>Toth Lorand, Angelica Călămar, Daniel Pupăzan, George Artur Găman, Marius Kovacs, Sorin Simion</i>
41.	Thermo technical measurements in view of establishing the concentration of pollutants released into the atmosphere	International Symposium "Environment and Industry" – SIMI 2016, 13-14 of October 2016, Bucharest	19th International Symposium "Environment and Industry"” Symposium proceedings ISSN-L 1843-5831	<i>Toth Lorand, Daniel Pupăzan, Călămar Angelica, Kovacs Marius</i>
42.	The evaluation of the effects on health and environment posed by the gaseous hydrocarbons from geothermal waters	International Symposium "Environment and Industry" – SIMI 2016, 13-14 of October 2016, Bucharest	19th International Symposium "Environment and Industry"” Symposium proceedings ISSN-L 1843-5831	<i>Szollosi-Moța Andrei, Lupu Constantin, Prodan Maria, Nălboc Irina, Emilian Ghicioi, Nicoale Vlasin</i>



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43.	Analysis of pollutant immissions generated by bone meal production	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Angelica-Nicoleta Călămar, George Artur Găman, Marius Kovacs, Daniel Pupăzan, Toth Lorand</i>
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49.	The analysis of the influence of functioning parameters for fireworks and fireworks for professional use	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Ilie-Ciprian Jitea, Gabriel Vasilescu, Attila Kovacs, Sorin Bordoș , Mircea Grecea</i>



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50.	Ventilation re-establishment after an average intensity explosion	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Doru Cioclea, Ion Gherghe, Florin Rădoi, Corneliu Boantă, Nicolae Ianc</i>
51.	Minimum ignition temperature of dust cloud analysis for safe industrial processes	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Maria Prodan, Irina Nălboc, Andrei Szollosi-Mota</i>
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54.	Implementation of new tools to calculate dispersed volume of combustible gases to achievement classification of hazardous areas	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Leonard Lupu, Mihaela Părăian, Florin Adrian Păun, Adrian Jurca, Niculina Vătavu, Dan Gabor</i>
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56.	Considerations regarding the mechanical strength to torsion and simultaneous bending for the mining electrical cables	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Niculina Vătavu, Mihaela Părăian, Florin Adrian Păun, Adrian Jurca, Dan Gabor, Leonard Lupu</i>



57.	Evaluation of primary and secondary galvanic cells for electrical equipment intended for use in potentially explosive atmospheres	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Tiberiu Csaszar, Sorin Burian, Marius Darie, Cosmin Coldă, Adriana Andriș</i>
58.	Improving the quality of the process for selecting electrical equipment intended to be used in potentially explosive atmospheres	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Vlad Mihai Păsculescu, Nicolae Ioan Vlasin, Daniel Florea, Marius Cornel Şuvar</i>
59.	Imagery research of the flame front behaviour in methane explosions	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” 2016”, Petroșani, Romania, 14-15 October 2016	7 th International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO” Conference Proceedings ISSN-L 1842 – 4449 ISSN 2344 – 4754	<i>Nicolae-Ioan Vlasin, Emilian Ghicioi, Vlad-Mihai Păsculescu, Daniel Florea, Eugen Cozma, Marius Şuvar</i>
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62.	Method Of Restoring A Mine Ventilation Network Affected By An Explosion Phenomena	6 th INTERNATIONAL CONFERENCE ON COMPUTER APPLICATIONS IN THE MINERALS INDUSTRIES October 5-7, Istanbul, Turkey CAMI 2016	-	<i>Marius Cornel Şuvar, Victor Arad Susana Arad, Constantin Lupu, Doru Cioclea, Ion Gherghe, Nicolae Ioan Vlasin</i>
63.	Virtual simulation of the initiation and expansion of a fire in a warehouse of goods	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Daniel– Gheorghe Florea, Nicolae – Ioan Vlasin, Vlad – Mihai Păsculescu, Marius Cornel Şuvar</i>
64.	Updating the ventilation network of Lonea mining unit using dedicated IT software	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea	<i>Marius Simion Morar, Constantin Lupu, Doru Cioclea, Ion Gherghe</i>



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		10 - 11 noiembrie 2016	Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	
65.	Consideration checking the parameters of electric motors acting admosfere fans who works in explosive gas, vapor, mist and dust	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Rad Marcel Daniel, Magyari Mihai, Moldovan Lucian, Fotău Dragoș</i>
66.	Study on determinants influencing rescuers in their intervention in dangerous environments	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Andrei-Lucian Gireadă, Alin Irimia, Izabella Kovacs</i>
67.	Cognitive-emotional psychological preparation for intervention and rescue personnel in toxic / flammable / explosive environments	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Izabella Kovacs, Andrei-Lucian Gireadă, Vlad Lăutaru, Alin Irimia</i>
68.	Evaluation of documentation and specific test for low voltage electrical equipment for using in explosive atmospheres	„Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinară” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Colda Cosmin, Burian Sorin, Darie Marius, Csaszar Tiberiu, Magyari Mihai</i>



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69.	The influence fo the pyrophoric sulphides over the explosivity parameters of combustible dusts	„Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Prodan Maria, Lupu Constantin, Ghicioi Emilian, Nălboac Irina, Szollosi - Moța Andrei</i>
70.	The quality assurance of results within the Laboratory for Explosive Materials and Pyrotechnic Articles- INCD INSEMEX Petroşani	„Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Ilie-Ciprian Jitea; Gabriel Vasilescu, Attila Kovacs, Daniela-Carmen Rus</i>
71.	The quality assurance of results within the Laboratory for Blasting Techniques - INCD INSEMEX Petroşani	„Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara 10 - 11 noiembrie 2016	Lucrările celui de al XVIII-lea Simpozion „Tinerii și Cercetarea Multidisciplinara” ACM-V, Timisoara I.S.S.N. 1843-6609	<i>Sorin-Ovidiu Bordoș; Edward Gheorghiosu, Attila Kovacs, Gabriel Vasilescu</i>
72.	Results on research activities of explosion toxic gases measurement	International Conference THE PRESENT AND FUTURE OF THE MINING AND GEOLOGY 6-7 octombrie 2016 Slovacia	Conference Proceedings - from the International Conference The Present and the Future of the Mining and Geology, ISBN 978-80-970521-6-4	<i>Attila Kovacs, Ilie-Ciprian Jitea, Gabriel Vasilescu, Daniela Rus, Edward Gheorghiosu, Sorin Bordoș</i>
73.	Multitask detonator testing equipment developed in INCD-INSEMEX Petrosani	International Conference THE PRESENT AND FUTURE OF THE MINING AND GEOLOGY 6-7 octombrie 2016	Conference Proceedings - from the International Conference The Present and the Future of the	<i>Edward Gheorghiosu, Sorin Bordoș, Gabriel Vasilescu, Attila Kovacs, Daniela Rus, Ilie-Ciprian Jitea</i>



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		Slovacia	Mining and Geology, ISBN 978-80-970521-6-4	
74.	New solutions for extracting noble metals (Au, Ag, Pt) from Jiu Valley coal ash and beneficial effects of ash recovery on the environment	16 th International Multidisciplinary Scientific Geoconference SGEM 2016 2-5 November 2016 Vienna, Austria	Energy and Clean Technologies Conference Proceedings Vol. III ISBN 978-619-7105-82-7	<i>Alexandru-Florin Simion, Angelica-Nicoleta Calamar, Daniel Pupazan, Marius Kovacs, Lorand Toth</i>
75.	Flammability characterisation of a petroleum derivative for increasing the safety of personnel and environmental protection	16 th International Multidisciplinary Scientific Geoconference SGEM 2016 2-5 November 2016 Vienna, Austria	Science and Technologies in Geology, Exploration and Mining Conference Proceedings, Vol. IV ISBN 978-619-7105-80-3	<i>Maria Prodan, Emilian Ghicioi, Constantin Lupu, Irina Nalboc, Andrei Szollosi-Mota</i>