



**LUCRĂRI ȘTIINȚIFICE PREZENTATE LA CONFERINȚE  
ȘI / SAU PUBLICATE ÎN PUBLICAȚII DE SPECIALITATE  
2013**

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| 1.          | Upgrading the Stand for Observing the Development of Spontaneous Combustion of Coal beds  | 15 <sup>th</sup> Mining, Metallurgy and Geology Conference<br>Bistrița, Aprilie 4 – 7, 2013<br>ISSN 1842 - 9440 | 15th Mining, Metallurgy and Geology Conference<br>Bistrița, Aprilie 4 – 7, 2013<br>ISSN 1842-9440 | Ion Toth –<br>PhD.Eng., Constantin Lupu –<br>PhD.Eng.,<br>Doru Cioclea<br>PhD.Eng., Cristian Tomescu –<br>Stud PhD.Eng.<br>INCD INSEMEX Petroșani |
| 2.          | Sistem de evaluare a personalului de intervenție și salvare din industria extractivă  | Simpozionul Științific<br>PROGRESUL TEHNOLOGIC - REZULTAT AL CECETĂRII<br>AGIR<br>26 Aprilie București          | Buletinul AGIR<br>Nr.3 / 2013<br>ISSN 2247-3548   | Ilie Cosmin – Stud.PhD.Eng.<br>Artur George Găman –<br>PhD.Eng.<br>. Daniel Pupăzan – PhD.Eng.  |
| 3.          | Utilizarea metodelor de analiză prin spectrometrie de emisie atomică cu plasmă cuplată inductiv și termoderivatografice pentru studierea și stabilirea cauzelor de producere a unor evenimente din domeniul industrial și civil | Simpozionul Științific<br>PROGRESUL TEHNOLOGIC - REZULTAT AL CECETĂRII<br>AGIR<br>26 Aprilie București          | Buletinul AGIR<br>Nr.3 / 2013<br>ISSN 2247-3548   | Irina Nălboc – Eng.Chem.,<br>Andrei Szöllösi – Moța –<br>Stud.PhD.Chem,<br>Maria Prodan –<br>Stud.PhD.Chem.                                       |



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| 4.       | Evaluarea riscului specific activității de demolare a obiectivelor industriale cu ajutorul explozivilor de uz civil.   | Simpozionul Științific PROGRESUL TEHNOLOGIC - REZULTAT AL CECETĂRII AGIR<br>26 Aprilie București | Buletinul AGIR<br>Nr.3 / 2013<br>ISSN 2247-3548  | Gabriel Vasilescu – PhD.Eng.<br>Attila Kovacs – PhD.Eng., Cristian Cioară – Eng.<br>Ştefan Ilici – Eng.                       |
| 5.       | Results of Research on the Constructive Shape of the Charges for the Blasting Technology with Long Boreholes Applied at the Exploit Method with Submined Technology in Romanian Coal Mines | TRHACIA TECHNIKA 2013 – BLASTING TECHNIQUES 2013<br>23-24 Mai 2013<br>Banska Bystrica, Slovacia  | Conference Proceedings – Blasting Techniques 2013<br>Slovak Republic<br>May 23 to 24, 2013<br>ISBN 978-80-970265-5-4 | Attila Kovacs – PhD.Eng.; Edward Gheorghiosu – Stud.PhD.Eng.; Daniela-Carmen RusStud.PhD.Eng.                                 |
| 6.       | Impact Air Shock Waves Generated in the Course of Industrial Explosives Blasting on Nearby Targets   | TRHACIA TECHNIKA 2013 – BLASTING TECHNIQUES 2013<br>23-24 Mai 2013<br>Banska Bystrica, Slovacia  | Conference Proceedings – Blasting Techniques 2013<br>Slovak Republic<br>May 23 to 24, 2013<br>ISBN 978-80-970265-5-4 | Cosmin Ilie – PhD.Eng., Sorin Simion – Stud.PhD.Eng., Ciprian Vreme – Psih., Lorand Toth – PhD.Eng., Marius Kovacs – PhD.Eng. |
| 7.       | INSEMEX Implemented Monitoring Seismic System in Romania Quarries  | TRHACIA TECHNIKA 2013 – BLASTING TECHNIQUES 2013<br>23-24 Mai 2013<br>Banska Bystrica, Slovacia  | Conference Proceedings – Blasting Techniques 2013<br>Slovak Republic<br>May 23 to 24, 2013<br>ISBN 978-80-970265-5-4 | Edward Gheorghiosu – Stud.PhD.Eng., Attila Kovacs – PhD.Eng., Daniela Carmen Rus- PhD.Eng.                                    |



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| 9.       | Workers exposure to noise in mining industry  | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România<br>ISSN 1660-9336  | Sorin Simion – Stud.PhD.Eng.,<br>Vasilescu Gabriel – PhD.Eng.,<br>Ciprian Vreme – psycho sociologist<br>Marius Kovacs – PhD.Eng.,<br>Lorand Toth – PhD.Eng.                               |
| 10.      | Model for forecasting the exposure risk of workers to hand-arm occupational vibrations  | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România<br>ISSN 1660-9336  | Vasilescu Gabriel – PhD.Eng<br>Ghicioi Emilian – PhD.Eng.,<br>Sorin Simion – PhD.Eng.,<br>Vlad Păsculescu – PhD.Eng.  |
| 11.      | Monitoring the behaviour of fireworks to vibrations generated by the „shock apparatus” and the establishment of the mechanical conditioning influence on these products | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România | ACOUSTICS AND VIBRATION OF MECHANICAL STRUCTURES AVMS<br>23 - 24 May – 2013<br>Timișoara, România<br>ISSN 1660-9336  | . Edward Gheorghiosu --<br>Stud.PhD.Eng.,,<br>Emilian Ghicioi - PhD.Eng,<br>Attila Kovacs - PhD.Eng,<br>Ciprian Jitea -Stud.<br>PhD.Eng,<br>Ştefan Ilici - Eng,<br>Cristian Cioară – Eng. |



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| 13.      | Diagnosis and prognosis of the hearing impairment risk.          | Prima Conferință Internațională în Securitate și Muncă IS-SSM 2013<br>„ÎNVĂȚĂMÂNTUL TEHNIC DE CALITATE, GARANȚIA LOCURILOR DE MUNCĂ SIGURE ȘI SĂNĂTOASE”<br>IAȘI<br>24-25 mai<br>IAȘI |            | Dr. ing. Gabriel Dragoș Vasilescu ,<br>Ing. Nelu Mija  |
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| 16.      | The development of the methods for determining air - fuel gas explosion parameters  | 6 <sup>TH</sup> INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION MSE<br>12 -15 Iunie Sibiu, Romania | Proceedings the 6 <sup>th</sup> International Conference on Manufacturing Science and Education – MSE 2013<br>June 12 – 15, 2013<br>Sibiu, Romania<br>ISSN 1843 - 2522 | Prodan Maria –<br>Stud.PhD.Chem,<br>Emilian Ghicioi – PhD.Eng,<br>Szolloși-Moța Andrei -<br>Stud.PhD.Chem,,<br>Nălboc Irina – Eng. Chem.<br>, Mihaela Părăian – Phd.Eng. |
| 17.      | Using agilent vee pro to measure explosion pressure resulted during tests in explosive mixtures for electrical apparatus with the type of protection flameproof enclosure “d” | 6 <sup>TH</sup> INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION MSE<br>12 -15 Iunie Sibiu, Romania | Proceedings the 6 <sup>th</sup> International Conference on Manufacturing Science and Education – MSE 2013<br>June 12 – 15, 2013<br>Sibiu, Romania<br>ISSN 1843 - 2522 | Lucian Moldovan –<br>PhD.Eng.,<br>Martin Friedmann –<br>PhD.Eng.,<br>Mihai Magyari – PhD.Eng.,<br>Leonard Lupu, - Phd.Eng.<br>Dragoș Fotău                               |



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| 19.      | Numerical Analysis of the Ignition of Air-Methane Explosive Mixtures Related to Underground Mining Atmospheres | 13 <sup>TH</sup> INTERNATIONAL MULTIDISCIPLI-NARY SCIENTIFIC GEOCONFERENCE & EXPO SGEM 2013<br>16 - 22 Iunie 2013 Albena, Bulgaria | SCIENCE AND TECHNOLOGIES IN GEOLOGY, EXPLORATION AND MINING Conference Proceedings SGEM 2013 16-22, June, 2013 Albena, Bulgaria ISBN 978-954-91818-7-6 ISSN 1314-2704 | Nicolae-Ioan Vlasin – Stud.PhD.Eng., Constantin Lupu - PhD.Eng., Emilian Ghicioi - PhD.Eng., INCD INSEMEX Petroșani Eugen Cozma – Eng., Victor Arad - PhD.Eng., Univesity of Petroșani |



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| 21.      | Reopening a Coal Face from Petrișa Mining Unit After the Occurrence of an Explosion | 13 <sup>TH</sup> INTERNATIONAL MULTIDISCIPLI-NARY SCIENTIFIC GEOCONFERENCE & EXPO SGEM 2013<br>16 - 22 Iunie 2013 Albena, Bulgaria | SCIENCE AND TECHNOLOGIES IN GEOLOGY, EXPLORATION AND MINING Conference Proceedings SGEM 2013 16-22, June, 2013 Albena, Bulgaraia ISBN 978-954-91818-7-6 ISSN 1314-2704 | Ion Toth – PhD.Eng., Constantin Lupu – PhD.Eng., Emilian Ghicioi – PhD.Eng., Doru Cioclea – PhD.Eng. |



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| 22.      | Dimensioning the Intrinsic Safety Barriers of Electrical Equipment Intended to be Used in Potentially Explosive Atmospheres Using the SimPowerSystems Software Package | 13 <sup>TH</sup> INTERNATIONAL MULTIDISCIPLI-NARY SCIENTIFIC GEOCONFERENCE & EXPO SGEM 2013<br>16 - 22 Iunie 2013<br>Albena, Bulgaria | SCIENCE AND TECHNOLOGIES IN GEOLOGY, EXPLORATION AND MINING Conference Proceedings SGEM 2013<br>16-22, June, 2013 Albena, Bulgaria<br>ISBN 978-954-91818-7-6<br>ISSN 1314-2704 | Vlad Pasculescu – Stud.PhD.Eng<br>INCD INSEMEX Petroșani<br>, Sorin Mihai Radu, Dragos Pasculescu, Titu Niculescu Univesity of Petroșani |
| 23.      | Development of Test Methods for Conveyor Belts Used in Potentially Explosive Environments  | EnRe 3 <sup>rd</sup> INTERNATIONAL CONFERENCE ENERGY TECHNOLOGY AND CLIMATE CHANGES<br>20 -21 Iunie 2013<br>Velenje, Slovenia         | EnRe energy & responsibility 3 <sup>rd</sup><br>International Conference Energy Technology and Climate Changes Slovenia, Velenje 20 – 21.6.2013<br>ISBN 978-961-281-074-0      | Florin Păun – PhD.Eng., Sorin Burian PhD.Eng., Mihaela Păraian – PhD.Eng., Niculina Vătavu – PhD.Eng.                                    |
| 24.      | Establishing the Romanian Coal Quality from Jiu Valley with Implications for the Environment   | EnRe 3 <sup>rd</sup> INTERNATIONAL CONFERENCE ENERGY TECHNOLOGY AND CLIMATE CHANGES<br>20 -21 Iunie 2013<br>Velenje, Slovenia         | EnRe energy & responsibility 3 <sup>rd</sup><br>International Conference Energy Technology and Climate Changes Slovenia, Velenje 20 – 21.6.2013<br>ISBN 978-961-281-074-0      | Irina Nălboc – Chem.Eng.<br>Maria Prodan – Stud.PhD. Chem<br>, Andrei Szöllösi-Moță – Stud.PhD. Chem                                     |



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| 25.      | Influencing Factors on Explosion Protection for Low Currents Installations Operating in Coal Dust Areas          | EnRe 3 <sup>rd</sup> INTERNATIONAL CONFERENCE ENERGY TECHNOLOGY AND CLIMATE CHANGES<br>20 -21 Iunie 2013<br>Velenje, Slovenia | EnRe energy & responsibility 3 <sup>rd</sup><br>International Conference Energy Technology and Climate Changes<br>Slovenija, Velenje 20 – 21.6.2013<br>ISBN 978-961-281-074-0  | Sorin Burian - PhD.Eng.,, Constantin Lupu - PhD.Eng.,, Emilian Ghicioi - PhD.Eng.,, Jeana Ionescu - PhD.Eng.,, Marius Darie PhD.Eng.,, Tiberiu Csaszar PhD.Eng.,, Lucian Moldovan PhD.Eng.,, Adriana Andriș – Eng. |
| 26.      | The Evaluation of Air Pollutant Emissions from the Large Combustion Plants under National Legislation in Romania | EnRe 3 <sup>rd</sup> INTERNATIONAL CONFERENCE ENERGY TECHNOLOGY AND CLIMATE CHANGES<br>20 -21 Iunie 2013<br>Velenje, Slovenia | Recent Advances in Electrical Engineering<br>Proceedings of the 1 <sup>st</sup> International Conference onElectronics and Electrical Engineering (ELEL'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5117<br>ISBN 978-960-474-318-6 | Marius Kovacs - PhD.Eng.,, Lorand Toth - PhD.Eng.,, Gheorghe Gheție – Eng.,, Angelica Drăghici - PhD.Eng.,, Cosmin Ilie – Stud.PhD.Eng.,   |



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| 27.      | The importance and role of the control and indicating equipment (CIE) within the protective systems for suppressing combustible dusts explosions   | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Electrical Engineering Proceedings of the 1 <sup>st</sup> International Conference onElectronics and Electrical Engineering (EEL'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5117<br>ISBN 978-960-474-318-6 | Adrian Jurca – Phd.Eng.<br>Emilian Ghicoi – PhD.Eng.<br>Leonard Lupu – PhD.Eng.<br>Niculina Vatavu – PhD.Eng.<br>Florin Paun – PhD.Eng.                                  |
| 28.      | Good practice for implementing Directive 1999/92/EC of the European Parliament and of the Council on minimum requirements for improving the safety and health protection of workers potentially at risk from explosive atmospheres | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Electrical Engineering Proceedings of the 1 <sup>st</sup> International Conference onElectronics and Electrical Engineering (EEL'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5117<br>ISBN 978-960-474-318-6 | Sorin Burian - PhD.Eng.<br>Tiberiu Csaszar – PhD.Eng.<br>Jeana Ionescu – PhD.Eng.<br>Marius Darie – PhD.Eng.<br>Constantin Lupu – Phd.Eng.<br>Emilian Ghicioi – Phd.Eng. |



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| 30.      | Aspects regarding the use and maintenance of electric equipments to be used in explosive atmospheres protected by flameproof enclosures | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Electrical Engineering Proceedings of the 1 <sup>st</sup> International Conference onElectronics and Electrical Engineering (EEL'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5117<br>ISBN 978-960-474-318-6 | Dragos Fotau – Stud.<br>PhD.Eng.<br>Cosmin Colda - PhD.Eng.<br>Sorin Burian - PhD.Eng.<br>Martin Friedmann -<br>PhD.Eng.<br>Mihai Magyari - PhD.Eng.<br>Lucian Moldovan - PhD.Eng. |



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| 32.      | New prediction method of gas source location in the monitoring process of explosive atmospheres   | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Electrical Engineering<br>Proceedings of the 1 <sup>st</sup> International Conference onElectronics and Electrical Engineering (ELEL'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5117<br>ISBN 978-960-474-318-6 | Marius Darie – PhD.Eng.<br>Sorin Burian – PhD.Eng.<br>Jeana Ionescu – PhD.Eng.<br>Tiberiu Csaszar – PhD.Eng.<br>Lucian Moldovan – PhD.Eng.<br>Adriana Andris – Eng.         |



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| 34.      | Highlighting Gas Emissions from Coal Mines into the Atmosphere through Computerised Methods              | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Intelligent Control, Modelling & Computational Science Proceedings of the 1st International Conference on Computational Science and Engineering (CSE'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 2227-4588<br>ISBN 978-960-474-319-3 | Niclae Vlasin – Stud.PhE.Eng.<br>Constantin Lupu – PhD.Eng.<br>Emilian Ghicioi – PhD.Eng.<br>Marius Suvar – Stud.PhD.Eng<br>Vlad Pascalescu – Stud.PhD.Eng. |



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| 35.      | Software for the occupational health and safety integrated management system | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Intelligent Control, Modelling & Computational Science Proceedings of the 1st International Conference on Computational Science and Engineering (CSE'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 2227-4588<br>ISBN 978-960-474-319-3 | Dragos Vasilescu – PhD.Eng.<br>Attila Kovacs – PhD.Eng.<br>Nelu Mija – Eng.<br>Vlad Pasculescu – Stud.PhD.Eng.  |
| 36.      | Interactive System for Ventilation Networks Management                       | World Scientific and Engineering Academy and Society<br>WSEAS 2013<br>6-8 august 2013<br>Valencia<br>Spania | Recent Advances in Computer Science and Applications Proceedings of the 4th International Conference on Applied Informatics and Computing Theory (AICT'13)<br>Valencia, Spain, August 6-8, 2013<br>ISSN 1790-5109<br>ISBN 978-960-474-317-9                  | Doru Cioclea – PhD.Eng.<br>Ion Toth – PhD.Eng.<br>Ion Gherghe – Eng.<br>Cristian Tomescu – Stud.PhD.Eng.<br>Marius Suvar – Stud.PhD.Eng.<br>Vlad Pasculescu – Stud.PhD.Eng. |



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| 38.      | Analysis of an Underground Explosion Effects Upon the Ventilation Networks                 | 5 <sup>th</sup><br>BALKANMINE CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | ePROCEEDINGS<br>of the 5 <sup>th</sup><br>BALKANMINE<br>CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | Doru Cioclea – PhD.Eng.;<br>Constantin Lupu – PhD.Eng.,<br>Ion Toth – PhDEng.,<br>Ion Gherghe - Eng,<br>Corneliu Boantă - Eng,<br>Florin Rădoi- Eng.,<br>Cristian Tomescu –<br>Stud.PhD..Eng |
| 39.      | General Ventilation Fans Used for the Aeration of Hard Coal Mines in Jiu Valley Coal Field | 5 <sup>th</sup><br>BALKANMINE CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | ePROCEEDINGS<br>of the 5 <sup>th</sup><br>BALKANMINE<br>CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | Ion Gherghe – Eng.;<br>Constantin Lupu – PhD.Eng.;<br>Doru Cioclea – PhD.Eng.;<br>Corneliu Boantă – Eng.;<br>Florin Rădoi – Eng.,<br>Vlad Păsculescu – Stud.<br>PhD.Eng.                     |
| 40.      | Increasing the Safety Level in Hard Coal Exploitation Through Innovative Research          | 5 <sup>th</sup><br>BALKANMINE CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | ePROCEEDINGS<br>of the 5 <sup>th</sup><br>BALKANMINE<br>CONGRESS<br>18-21 Septembrie<br>2013<br>Ohrid, Macedonia | Ion Toth - PhD.Eng<br>, Constantin Lupu –<br>PhD.Eng.<br>, Doru Cioclea – PhD.Eng.,<br>Cristian Tomescu -<br>Stud.PhD..Eng,<br>Ion Gherghe – Eng.  |



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| 41.      | PERSPECTIVES OF THE ROMANIAN MINING INDUSTRY   | Întâlnirea anuală a Autoritatilor Miniere din Europa<br>23 -24 septembrie 2013   |   | Constantin Lupu – PhD., Eng., Ion Toth – PhD., Eng., Doru Cioclea – PhD., Eng  |
| 42.      | Virtual simulation – useful tool for the technical expertise of events general by explosions | 6th International Conference on ENVIRONMENTAL and GEOLOGICAL SCIENCE and ENGINEERING (EG '13)<br>Antalya, Turkey<br>October 8-10, 2013 | Recent Advances in Civil and Mining Engineering<br>Proceedings of the 1 <sup>st</sup> European Conference of mining Engineering (Mineng'13)<br>ISSN 2227-4588<br>ISBN 978-960-474-337-7 | Constantin Lupu – PhD.Eng., Emilian Ghicioi – PhD.Eng.   |
| 43.      | Computerised modelling of methane releases exhaust from a retreating longwall face           | 6th International Conference on ENVIRONMENTAL and GEOLOGICAL SCIENCE and ENGINEERING (EG '13)<br>Antalya, Turkey<br>October 8-10, 2013 | Recent Advances in Civil and Mining Engineering<br>Proceedings of the 1 <sup>st</sup> European Conference of mining Engineering (Mineng'13)<br>ISSN 2227-4588<br>ISBN 978-960-474-337-7 | Nicolae-Ioan Vlasin – Stud.PhD.Eng.<br>Constantin Lupu – PhD.Eng.<br>Marius Şuvar – Stud.PhD.Eng.<br>Vlad-Mihai Păsculescu – Stud.PhD.Eng.<br><i>INCD INSEMEX Petroșani</i><br>Susana Arad<br><i>University of Petroșani</i> |



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| 44.      | Use of information technology in mining ventilation  | 6th International Conference on ENVIRONMENTAL and GEOLOGICAL SCIENCE and ENGINEERING (EG '13)<br>Antalya, Turkey<br>October 8-10, 2013 | Recent Advances in Computer Science and Networking<br>Proceedings of the 2 <sup>nd</sup> International Conference on Information Technology and Computer Networks (ITCN'43)<br>ISSN 1790-5109<br>ISBN 978-960-474-336-0 | Marius-Cornel Şuvar – Stud.PhD.Eng.<br>Constantin Lupu – PhD.Eng.<br>Doru Cioclea – PhD.Eng.<br>Nicolae-Ioan Vlasin – PhD.Eng.<br><i>INCD INSEMEX Petroșani</i><br><br>Victor Arad – Univ.Prof.PhD.Eng.<br><i>Unniversity of Petroșani</i> |
| 45.      | Analysis of transitory phenomena generated by underground explosions upon the ventilation networks | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM<br>23 – 25 Octombrie 2013,<br>Sibiu, România     | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226  | Doru Cioclea – PhD.Eng. , Ion Toth - PhD.Eng., Ion Gherghe – Eng., Cristian Tomescu - Stud.PhD.Eng., Marius Cornel Şuvar, Vlad Mihai Păsculescu  |
| 46.      | Study on using PLCs in monitoring complex processes of extraction, used in careers of lignite      | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM<br>23 – 25 Octombrie 2013,<br>Sibiu, România     | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226  | Cosmin Ioan Colda – PhD.Eng., Dana Rus – Stud.PhD.Eng.<br><i>INCD INSEMEX Petroșani</i><br><br>Marin Silviu Nan – Univ.Prof.PhD.Eng.<br><i>Unniversity of Petroșani</i>  |



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| 47.      | Construction and safety requirements for ventilated rooms to maintain environmental conditions for human operators                                    | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM 23 – 25 Octombrie 2013, Sibiu, România | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Tiberiu Csaszar – PhD.Eng., Sorin Burian – PhD.Eng., Jeana Ionescu – PhD.Eng, Marius Darie – PhD.Eng., Lucian Moldovan – PhD.Eng., Adriana Andriș – Eng. |
| 48.      | Considerations on the influence over the environment due to the use of installations with variable operating cycles processing combustible substances | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM 23 – 25 Octombrie 2013, Sibiu, România | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Marius Darie- PhD.Eng., Sorin Burian – PhD.Eng., Jeana Ionescu – PhD.Eng., Tiberiu Csaszar – PhD.Eng., Lucian Moldovan – PhD.Eng., Adriana Andriș- Eng.  |
| 49.      | Risk assessment of occupational exposure to asbestos dust at industrial workplaces  | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM 23 – 25 Octombrie 2013, Sibiu, România | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Angelica Drăghici – PhD.Eng., Gheorghe Gheție – Eng., Dragoș Vasilescu – Eng., Marius Kovacs – Eng.  |
| 50.      | Research about appliance of thermo vision systems in intervention and rescue activity in toxic / flammable / explosive environment                    | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM 23 – 25 Octombrie 2013, Sibiu, România | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Artur Găman – PhD.Eng., Daniel Pupăzan – PhD.Eng., Cosmin Ilie – PhD.Eng.  |



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| 51.      | Technical solutions to reduce the seismic effect generated by the blasting career, with environmental impact | 6th Edition of the International Symposium on Occupational Health and Safety" – SESAM 23 – 25 Octombrie 2013, Sibiu, România        | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | <i>Edward Gheorghiosu – Stud.PhD.Eng., Attila Kovacs – PhD.Eng. , Ilici Stefan – Eng., Cristian Cioară – Eng.</i>        |
| 52.      | Partial ventilation optimization for high length mine workings by using advanced ventilation systems         | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | <i>Ion Gherghe – Eng., Doru Cioclea – PhD.Eng., Corneliu Boantă – Phd.Eng., Marius Morar – Eng., Florin Rădoi – Eng.</i> |
| 53.      | Check thermal stability of explosives civilian use, in the interests of their sustainable                    | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | <i>Ştefan Ilici – Eng. , Constantin D. Ciocoiu – PhD.Eng., Cristian Cioara – Eng.</i>                                    |
| 54.      | Structuring physical and psychosocial exercises for optimization the training process of rescue personnel    | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | <i>Cosmin Ilie – Stud.PhD.Eng. , Artur Găman – PhD.Eng., Daniel Pupăzan – PhD.Eng., Alin Irimia – Stud.PhD.Eng.</i>      |



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| 55.      | Considerations about establishing the requirements to selection and use of apparatus for the detection of combustible gases in domestic premises in order to protect the environment | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Jeana Ionescu – Phd.Eng., Sorin Burian – PhD.Eng., Marius Darie – PhD.Eng., Tiberiu Csazzar – PhD.Eng., Adriana Andriș – Eng.   |
| 56.      | Renewable energy - the sustainable rehabilitation of areas affected by unprofitable mining   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Ilie Ciprian Jitea – Stud.PhD.Eng., Adrian Nicolae Dinoiu – Univ.Prof.PhD.Eng., Ioana Camelia Barbu – Univ.Prof.PhD.Eng.  |
| 57.      | The procedure of metal cutting using explosives, with low environmental impact   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Ilie Ciprian Jitea – Stud.PhD.Eng., Constantin Lupu – PhD.Eng., Marius řavar –Stud. PhD.Eng., Dana Rus-Stud.PhD.Eng.  |
| 58.      | The importance of determining explosivity parameters to combustible dusts  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Adrian Jurca – PhD.Eng., Constantin Lupu – PhD.Eng., Mihaela Părăian – PhD.Eng., Niculina Vătavu – PhD.Eng., INCD INSEMEX Petroșani Florin Tiberiu Iacob-Ridzi – PhD.Eng. City Hall Petroșani |



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| 59.      | Measures to prevent and reduction the concentrations of dust and gases from the power plants according to the best practices in the field | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Marius Kovacs –<br>PhD.Eng., Lorand Toth - P,<br>Gheorghe Gheție – Eng.,<br>Angela Drăghici –<br>PhD.Eng., Traian Vasiliu –<br>Univ.Prof.PhD.Eng.,<br>Gheorghe Laurențiu –<br>Univ.Prof.PhD.Eng. |
| 60.      | Importance of verification accurate electrical parameters of blasting machines to ensure security at the blast works                      | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Leonard Lupu –<br>PhD.Eng., Emilian Ghicioi –<br>PhD.Eng., Adrian Jurca –<br>PhD.Eng., Florin Păun –<br>PhD.Eng.   |
| 61.      | Considerations on the functioning of variable speed flameproof “d” motors used in explosive atmospheres                                   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Mihai Magyari –<br>PhD.Eng., Sorin Burian –<br>PhD.Eng., Martin Friedmann – PhD.Eng.,<br>Lucian Moldovan –<br>PhD.Eng., Dragoș Fotău –<br>Stud.PhD.Eng.,<br>Cosmin Colda –<br>Stud.PhD.Eng.      |
| 62.      | New possibilities to measure explosion pressure when testing flameproof enclosure “d” apparatus   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Lucian Moldovan –<br>PhD.Eng., Martin Friedmann – PhD.Eng.,<br>Mihai Magyari – PhD.Eng.,<br>Leonard Lupu – PhD.Eng.,<br>Dragoș Fotău –<br>Stud.PhD.Eng.  |



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| 63.      | Analysis of the effects of an explosion upon the main ventilation station                             | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Marius Simion Morar – Eng., Doru Cioclea – PhD.Eng., Ion Gherghe – PhD.Eng., Corneliu Boanta – PhD.Eng., Florin Rădoi – Eng.        |
| 64.      | Increasing safety in firedamp mines by monitoring the underground atmosphere using gas-chromatography | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Irina Nălboc – PhD.Eng., Maria Prodan – PhD.Eng., Andrei Szolloși-Moța – Stud.PhD.Eng., Emeric Chiuzan – Eng.                       |
| 65.      | Explosion protection document (DPEx) implementation for the waste management industry                 | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Mihaela Paraian – PhD.Eng., Constantin Lupu – PhD.Eng., Emilian Ghicioi – PhD.Eng., Sorin Burian – PhD.Eng, Adrian Jurca – PhD.Eng. |



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| 66.      | Quality assurance for testing of the protective performances of materials - an essential requirement in substantiating laboratory competency | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Mihaela Paraian –<br>Ph.D.Eng., Emilian Ghicioi –<br>Ph.D.Eng., Florin Păun –<br>Ph.D.Eng.<br>Niculina Vatavu –<br>Ph.D.Eng., Leonard Lupu –<br>Ph.D.Eng.<br>INCD INSEMEX<br>Petroşani<br>Florin Tiberiu Iacob-Ridzi – Ph.D.Eng.<br>City Hall Petroşani                                 |
| 67.      | Evolution of SO2 pollutants arising from rovinari thermal power plant after installing the desulphurisation facility                         | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Leonard Lupu –<br>Ph.D.Eng., ,<br>Vlad Mihai Păsculescu –<br>Stud.Ph.D.Eng.<br>INCD INSEMEX<br>Petroşani<br><br>Dragoş Păsculescu –<br>Univ.Lect, , Titu Niculescu1,<br>Remus Dobra<br>University of Petroşani<br>Adina Tătar<br><br>Constantin Brâncuşi<br><br>University of Târgu-Jiu |



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| 68.      | Risk level assessment for power stations in terms of occupational health and safety | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.ing. Vlad Mihai Păsculescu,<br>INCD INSEMEX Petroșani<br>Roland Moraru,<br><br><i>Titu Niculescu, Dragoș Păsculescu</i><br>UNIVERSITATE din Petroșani<br><br><i>Nicolae Daniel Fiță</i><br>Romanian Association for Electrical Safety,<br>Petroșani<br><br><i>Adina Tătar</i><br><br><i>Constantin Brâncuși</i><br>University of Târgu-Jiu |



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| 69.      | Flammability testing of conveyor belts used in mining, having in view the selection of adequate types for specific applications                          | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Florin Adrian Păun –<br>PhD.Eng..Mihaela Părăian –<br>PhD.Eng., Leonard Lupu –<br>PhD.Eng.   |
| 70.      | Comparative explosivity parameters of environmentally occurring methane-air, coal dust-air and hybrid mixtures   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.chim.Maria Prodan,<br>dr.ing.Emilian Ghicioi,<br>INCD INSEMEX<br>Petroșani<br>Prof.dr.ing.Dumitru<br>Oancea<br>University of Bucharest |
| 71.      | Means of monitoring pulse rate and blood oxygen saturation applied in the training of intervention and rescue personnel in toxic / flammable / explosive | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Dr.ing.Daniel Pupăzan,<br>dr.ing. Artur Găman,<br>drd.ing. Cosmin Ilie   |
| 72.      | Modern end susetenable infrastructure for determining equivalent initiation capability for detonators  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.ing.Daniela Carmen<br>Rus, dr.ing.Emilian Ghicioi,<br>dr.ing.Attila Kovacs,<br>dr.ing.Ciprian Jitea                                    |



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| 73.      | Exposure of workers to noise made by extracting commercial minerals  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.ing. Sorin Simion,<br>Cosmin Ilie, dr.ing. Marius Kovacs, dr.ing. Lorand Toth,<br>drd.ing. Alin Irimia  |
| 74.      | Automation method for computerized simulation of mine ventilation networks   | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.ing. Marius Cornel<br>Şuvar, dr.ing. Constantin Lupu, dr.ing. Doru Cioclea,<br>Drd.ing. Vlad Mihai Păsculescu,<br>Ing.Nelu Mija<br>INCD INSEMEX<br>Petroșani<br>Prof.dr.ing.Victor Arad,<br>UNIVERITATEA din<br>PETROȘANI |
| 75.      | Heavy metal pollution of the river mureş in hunedoara county and its effect on biocenosis as results of economic activities and mining | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226 | Drd.chim.Andrei Szöllösi-Moşa, drd.chim.Maria Prodan, drd.ing.Irina Nălboc  |



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| 76.      | Researches regarding the identification of new fire indices used under nitrogen inertisation technology  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Drd.ing. Cristian Tomescu, dr.ing. Ion Toth, dr.ing. Doru Cioclea, drd.ing. Nicolae Vlasin  |
| 77.      | Innovative design and testing of a hypobaric flotation waste water treatment system  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Dr.ing.Lorand Toth , dr.ing.Angelica Drăghici,dr.ing.Marius Kovacs, drd.ing.Sorin Simion, ing.Gheorghe Gheție                                   |
| 78.      | Forecasting of the risk to whole-body vibrations generated by industrial activities with environmental impact  | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Dr.ing. Gabriel Vasilescu, dr.ing.Emilian Ghicioi, dr.ing.Angelica Drăghici, ing.Nelu Mija  |
| 79.      | Considerations regarding admittance criteria and risk factors when using electric cables in areas with explosion hazard, having in view environment protection | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013 | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013” ISSN 1843 - 6226 | Dr.ing. Niculina Vătavu, dr.ing.Sorin Burian, dr.ing. Adrian Jurca, INCD INSEMEX PETROȘANI Prof.dr.ing.Sorin Vătavu UNIVERSITATEA DIN PETROȘANI |



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| 80.      | Virtual simulation of the coal bed degassing and highlight the beneficial consequences for the environment                               | Proceedings of the 6th Edition of the International Symposium on Occupational Health and Safety" - SESAM 2013, ISSN 1843-6226, 2013                  | The proceedings of the 6th international symposium „Occupational Health and Safety – SESAM 2013”<br>ISSN 1843 - 6226                  | Drd.ing.Nicolae-Ioan Vlasin , dr.ing.Constantin Lupu, dr.ing.Emilian Ghicioi, ing.Emeric Chiuzan, drd.ing.Cristian Tomescu                       |
| 81.      | Use and maintenance of electric equipments used in explosive atmospheres generated by flammable gases protected by flameproof enclosures | Simpozionul Internațional Multidisciplinar „ Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609 | Fotău Dragoș – stud.<br>PhD.Eng., Colda Cosmin –<br>PhD.Eng.., Friedman Martin – PhD.Eng., Mihai Magyari – PhD.Eng., Moldovan Lucian – PhD. Eng. |
| 82.      | Analysing the possibility to develop the methodologies for the classification of hazardous areas generated by flammable gases            | Simpozionul Internațional Multidisciplinar „ Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609 | Vlad Păsculescu – stud.<br>PhD. Eng., Nicolae Vlasin – stud. PhD.Eng., Marius Şuvar - stud. PhD.Eng.   |
| 83.      | Determine the volume of hazardous gases from detonation of explosives for civil uses   | Simpozionul Internațional Multidisciplinar „ Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609 | Cristian Cioară – Eng., Constantin Ciocoiu – PhD.Eng., Ștefan Ilieci – Eng.  |



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| 84.      | Check the thermal stability of explosives for civil use in the laboratory  | Simpozionul Internațional Multidisciplinar „Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609             | <i>Ştefan Ilici – Eng., Constantin Ciocoiu – PhD.Eng., Cristian Cioară – Eng.</i>   |
| 85.      | Development of the methods for testing parameters of traction, compression and shock absorption of technical equipment intended use in potentially explosive atmospheres | Simpozionul Internațional Multidisciplinar „Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XV <sup>th</sup> Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609 | <i>Leonard Lupu – PhD.Eng., Florin Paun – PhD.Eng., Adrian Jurca – PhD.Eng., Emilian Ghicioi – PhD.Eng., Mihaela Păräian – PhD.Eng.</i> |
| 86.      | Structuring the physical and psychosocial effort in order to optimize the training process of rescue and intervention staff in toxic/explosive/flammable atmospheres     | Simpozionul Internațional Multidisciplinar „Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609             | <i>Cosmin Ilie –stud. PhD.Eng., Artur Gaman – PhD.Eng., Daniel Pupăzan – PhD.Eng., Alin Irimia – Eng</i>                                |



| Nr. crt. | Comunicarea   | Manifestarea Științifică  | Publicația  | Autor Institutul  |
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| 87.      | Innovative technology collection and treatment of leachate from landfills to reduce pollution levels      | Simpozionul Internațional Multidisciplinar „Tinerii și Cercetarea Multidisciplinară – ISYPMR - 2013”<br>14 -15 noiembrie 2013<br>Timisoara, România | Proceedings of the XVth Symposium Young People and Multidisciplinary Research– ISYPMR - 2013”<br>Timisoara, România<br>ISSN 1843-6609 | <i>Lorand Toth – PhD.Eng., Marius Kovacs – PhD.Eng., Angelica Drăghici – PhD.Eng., Cosmin Ilie – stud. PhD.Eng., Alin Irimia – Eng.</i> |
| 88.      | Determination of detonators equivalent opening in accordance with the requirements of directive 93/15/EEC |   | ANNALS OF THE UNIVERSITY OF PETROȘANI – ELECTRICAL ENGINEERING – 2013 Vol.16 ISSN 1454 - 8518   | <i>Daniela Carmen Rus –PhD. Stud.Eng. , Attila Kovacs – PhD.Eng., Emilian Ghicioi – PhD.Eng., Gabriel Dragoș Vasilescu – PhD.Eng</i>    |
| 89.      | Considerations about the evaluation of domestic gas detectors in accordance with relevant legislation     |   | ANNALS OF THE UNIVERSITY OF PETROȘANI – ELECTRICAL ENGINEERING – 2013 Vol.16 ISSN 1454 - 8518   | <i>Jeana Ionescu – PhD.Eng. , Sorin Burian – PhD.Eng. , Marius Darie – PhD.Eng., Tiberiu Csaszar – PhD.Eng., Adriana Andriș – Eng.</i>  |