



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

Nr. crt.	Comunicarea	Manifestarea Științifică	Publicația	Autor Institutul
ANUL 2007				
1.	Aspecte tehnice legate de aplicarea metodei de exploatare cu subminare la stratele groase de înclinare mare sub o zonă exploatată classic		Revista Minelor Nr.1 / 2007 Pag.34÷36 ISSN 1220-2053	Dr.ing.Doru Ciclea, Dr.ing. Ion Toth, Ing. Liviu Jurca <i>INSEMEX Petroşani</i>
2.	The analysis of complex ventilation network appling the Hardy Cross method	„9 th Mining, Metallurgy and Geology Conference” 29 martie - 1 aprilie 2007 Buziaş ISSN 1842 -9440	Proceedings of the 9 th Mining, Metallurgy and Geology Conference ISSN 1842 - 9440	Dr.ing. Doru Cioclea Dr.ing. Ion Toth, Ing. Liviu Jurca, Ing. Ion Gherghe <i>INSEMEX Petroşani</i>
3.	The assessment of the influence of simultaneous mining of three longwall faces on ventilation network	„9 th Mining, Metallurgy and Geology Conference” 29 martie - 1 aprilie 2007 Buziaş ISSN 1842 -9440	Proceedings of the 9 th Mining, Metallurgy and Geology Conference ISSN 1842 - 9440	Ing. Liviu Jurca, Ing. Ion Gherghe , Ir.ing. Doru Cioclea, Ing. Corneliu Boantă, Ing. Emeric Chiuzan <i>INSEMEX Petroşani</i>
4.	Evaluation of explosion risk in oil processing industry	„9 th Mining, Metallurgy and Geology Conference” 29 martie - 1 aprilie 2007 Buziaş ISSN 1842 -9440	Proceedings of the 9 th Mining, Metallurgy and Geology Conference ISSN 1842 - 9440	Dr.ing. Ion Toth Dr.ing. Doru Cioclea, Dr.ing. Constantin Lupu, Ing. Cristian Tomescu, <i>INSEMEX Petroşani</i>
5.	Optimization of wastewater treatment efficiency with gradient method	„9 th Mining, Metallurgy and Geology Conference”	Proceedings of the 9 th Mining, Metallurgy and	Dr.ing. Lorand Toth, Drd.ing. Marius Kovacs



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		29 martie - 1 aprilie 2007 Buziaș ISSN 1842 - 9440	Geology Conference ISSN 1842 - 9440	Drd.ing. Angelica Drăghici <i>INSEMEX Petroşani</i> Ing. Sârbu Romulus <i>Universitatea Petroşani</i>
6.	Asigurarea calității aerului la aplicarea metodei de exploatare cu subminare în condițiile subtraversării unei zone exploataate cu S.C.R.I.		Revista Minelor Nr.4 / 2007 Pag.22÷28 ISSN 1220-2053	<i>Dr.ing.Doru Ciclea,</i> <i>Dr.ing. Ion Toth,</i> <i>Ing. Liviu Jurca</i> <i>INSEMEX Petroşani</i>
7.	Particular aspect son using the genetical algoritms during the optimal sintetis of the structure belong to powered suport <i>Autori: dr.ing. Marius Darie - INSEMEX Petroşani,</i> <i>prof.dr.ing. Vasile Zamfir- Univ. Petroşani</i>	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroşani Mechanic Engineering ISSN 1454 -8518	<i>Dr.ing. Marius Darie -</i> <i>INSEMEX Petroşani,</i> <i>Prof.dr.ing. Vasile Zamfir-</i> <i>Univ. Petroşani</i>
8.	Possibilities to protect against explosion the low current circuits made of micro-drivings	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroşani Electrical Engineering ISSN 1454 -8518	Ing. Sorin Buruian, Dr.ing. Jeana Ionescu, Dr.ing. Marius Darie <i>INSEMEX Petroşani</i>
9.	Standardisation test methods used at assessment of product conformity with the requirements of preventing the explosive atmosphere ignition by electrostatic discharges	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroşani Electrical Engineering ISSN 1454 -8518	Drd. ing.Florin Adrian Păun, Drd.ing. Leonard Lupu, Drd ing. Florina Muntean Berzan <i>INSEMEX Petroşani</i>
10.	Improvement methods and technical tests for technical equipment intended for use in area with combustible dusts	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroşani Electrical Engineering ISSN 1454 -8518	Drd. Leonard Lupu, Drd.ing. Niculina Vătavu, Drd.ing. Florin Păun <i>INSEMEX Petroşani</i>



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11.	Researches on the risk factors when using electro-insulating materials in construction of technical equipment intended for use in areas with explosion hazards	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroșani Electrical Engineering ISSN 1454 -8518	Drd. Niculina Vătavu, Drd.ing. Adrian Jurca, Drd.ing. Florina Muntean Berzan <i>INSEMEX Petroșani</i>
12.	Comparative study on the types of protection for the electric apparatus intended for use in explosive atmospheres	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroșani Electrical Engineering ISSN 1454 -8518	Drd. Sorin Buruian, Dr.ing. Jeana Ionescu, Dr.ing. Marius Darie, Drd. Lucian Moldovan <i>INSEMEX Petroșani</i>
13.	Conditions for interconnecting intrinsic safety circuits supplied by linear and non-linear sources intended for use in potentially explosive atmospheres	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroșani Electrical Engineering ISSN 1454 -8518	Drd.ing. Tiberiu Csaszar, Drd.ing. Sorin Buruian, Dr.ing. Marius Darie <i>INSEMEX Petroșani</i>
14.	The new european concept of explosion protection for the non-electrical equipment intended for use in explosive atmospheres	Conferința Internațională de Electromecanică ICEM – 2007, 24 – 26 mai 2007 Petrosani ISSN 1454 - 8518	Annals of the University of Petroșani Electrical Engineering ISSN 1454 -8518	Drd.ing. Adrian Marius Jurca, Dr.ing. Mihaela Părăian, Dr.ing. Emilian Ghicioi, Drd.ing. Niculina Vătavu <i>INSEMEX Petroșani</i>
15.	Sistem integrat de măsurări pentru menținerea condițiilor de securitate la abatajele cu subminare		Revista Minelor Nr.6/ 2007 Pag.28÷32 ISSN 1220-2053	Dr.ing. Doru Cioclea, Dr.ing. Ion Coth, Ing. Liviu Jurca <i>INSEMEX Petroșani</i> Drd.ing. Constantin Jujan - <i>CNH Petroșani</i>
16.	Re-opening of mine workings as a result of a mine fire case study, Lupeni mine – Romania	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.ing. Constantin Lupa, Dr.ing. Ion Toth, Ing. Cristian Tomescu, Ing. Cornel Gligor <i>INSEMEX Petroșani</i>



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17.	Computer assisted re-organization of the ventilation network in the underground	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.ing. Doru Cioclea, Dr.ing. Ion Toth, Ing. Liviu Jurca, Ing. Ion Gherghe, Ing. Corneliu Boantă <i>INSEMEX Petroşani</i>
18.	Influence of simultaneous mining of three longwall faces and the ventilation network	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Ing. Liviu Jurca, Ing. Ion Gherghe, Dr.ing. Doru Cioclea, Ing. Corneliu Boantă, Iing. Emeric Chiuzan <i>INSEMEX Petroşani</i>
19.	Improvements on testing the resistance to hydrostatic pressure according to SR EN 13631-6	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.ing. Attila Kovacs, Iing. Edward Gheorghiosu, Ing. Daniela Carmen Rus <i>INSEMEX Petroşani</i>
20.	Evaluation of the uncertainty of measurement when testing civil use explosives	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.ing. Attila Kovacs, Ing. Florin Rădoi, Ing. Edward Gheorghiosu, Sing.Sorin Bordoş <i>INSEMEX Petroşani</i>
21.	Impact of mine air discharged by mining units of the Jiu Valley and by degassing stations over the air quality and over the global heating	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.chim. Octavia Baron, Chim.Andrei Szollosi, Dr.ing.Cristina Knebel <i>INSEMEX Petroşani</i>



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22.	Implementation of the provisions of the European Legislation on occupational health and safety in hardcoal mining of the Jiu Valley coal field	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Dr.chim. Octavia Baron, Dr.ing.Cristina Knebel Chim. Andrei Szollosi, <i>INSEMEX Petroşani</i>
23.	Development of an improved model of assessment of seismic risk for multi – lazer structures during the underground salt mining	2nd Balkan Mining Congress Balkanmine 2007 Belgrade, Serbia 10 – 13 September 2007 ISBN 978 – 86 – 87035 – 00 - 3	The Proceedings of the 2nd Balkan Mining Congress Balkanmine 2007 ISBN 978-86-87035-003	Drd.ing. Constantin Ciocoiu, Ing.Edward Gheorghiosu, Ing. Daniela Carmen Rus <i>INSEMEX Petroşani</i>
24.	Cleaning of industrial waste waters bz flotation with released air	Simpozion International „MEDIUL SI INDUSTRIA” Bucureşti 25 – 27 octombrie 2007	INTERNATIONAL SYMPOSIUM "THE ENVIRONMENT AND INDUSTRY" : VOLUME I: BUCHAREST, 25-27 OCTOBER 2007 ISSN 1843-5831	Dr.ing. Lorand Toth, Drd.ing. Marius Kovacs, Dr.ing. Angelica Draghici <i>INSEMEX Petroşani</i>
25.	Studiu de caz privind determinarea fibrelor de azbest din aer la S.C. Termoelectrica S.A. Paroşeni	Simpozion International „MEDIUL SI INDUSTRIA” Bucureşti 25 – 27 octombrie 2007	INTERNATIONAL SYMPOSIUM "THE ENVIRONMENT AND INDUSTRY" : VOLUME I: BUCHAREST, 25-27 OCTOBER 2007 ISSN 1843-5831	Dr.ing. Angelica Drăghici, Drd.ing. Marius Kovacs, Dr.ing. Lorand Toth <i>INSEMEX Petroşani</i>



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26.	Cercetări în vederea realizării unui aparat de prelevare a pulberilor respirabile PM ₁₀ și PM _{2,5} din suspensie	Simpozion International „MEDIUL SI INDUSTRIA” București 25 – 27 octombrie 2007	INTERNATIONAL SYMPOSIUM "THE ENVIRONMENT AND INDUSTRY" : VOLUME I: BUCHAREST, 25-27 OCTOBER 2007 ISSN 1843-5831	Drd.ing. Marius Kovacs, Dr.ing. Lorand Toth, Dr. ing. Angelica Drăghici <i>INSEMEX Petroșani</i>
27.	Monitoring the risk of spontaneous combustion at the longwall with undermined bed no. 39, layer 3, block iii from Lonea mining unit – case study –	Seminarul internațional ECOMINING 2007 – EUROPE IN 21 ST CENTURY- Sovata & Praid 24-26 oct 2007 ISBN 978-973-741-071-9	Capacity Building on the Ecomining principle Book of Proceedings ISBN 978-973-741-071-9	Dr.ing. Ion Toth, Dr.ing. Doru Cioclea, Dr.ing. Constantin Lupu, Ing. Cristian Tomescu <i>INSEMEX Petroșani</i>
28.	Researches regarding the consolidation and stabilization of waste dumps made of clayey materials with a high content of water in the Jiu Valley	Seminarul internațional ECOMINING 2007 – EUROPE IN 21 ST CENTURY- Sovata & Praid 24-26 oct 2007 ISBN 978-973-741-071-9	Capacity Building on the Ecomining principle Book of Proceedings ISBN 978-973-741-071-9	Ing. Ghorghe Gheție, Dr.ing. Angelica Draghici, Drd.ing. Marius Kovacs, Dr.ing. Lorand Toth <i>INSEMEX Petroșani</i>
29.	Ventilation system management updating for the mining industry sustainable development	Seminarul internațional ECOMINING 2007 – EUROPE IN 21 ST CENTURY- Sovata & Praid 24-26 oct 2007 ISBN 978-973-741-071-9	Capacity Building on the Ecomining principle Book of Proceedings ISBN 978-973-741-071-9	Dr.ing. Doru Cioclea, Ing. Liviu Jurca, Dr.ing. Ion Toth, Ing. Ion Gherghe <i>INSEMEX Petroșani</i>



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30.	Romanian legislation is being changed in the field of mine rescuing	3 rd INTERNATIONAL MINES RESCUE CONFERENCE NASHVILLE USA 2007	eProceedings of the 3 rd International Conference “Mines Rescue Body – IMRB” Nashville USA, 2007	Dr.ing. Artur Găman, Dr.ing. Daniel Pupăzan <i>INSEMEX Petroșani</i>
31.	Aspects Regarding the Implementation of the Legislation on Environment Protection in the Extractive and Processing Operation of the Energetic Coal in The Jiu Valley	Mining and the Environment 2007 8 – 10 November 2007 Baia Mare, România	The proceedings of the Symposium “Mining and the Environment – 2007” ISBN 978-3-86012-325-6	Dr.ing. Constantin Lupu Dr.ing. Ladislau Kovacs <i>INSEMEX Petroșani</i>
32.	Evaluation of the neuro-psychic strain of the mechanics working on the extractive machine at Lonea Mining unit	Simpozionul Internațional “Tinerii și Cercetarea Multidisciplinară” 15 – 16 Noiembrie 2007 Timișoara, România	Proceedings of the IXth International Symposium “Young People and Multidisciplinary Research” ISSN 1843-6609	Psihosociolog Ciprian Vreme <i>INSEMEX Petroșani</i>