

PROPOSALS OF RESEARCHERS WORKS FROM CEPROCIM SA FOR THEIR PRESENTATION AT NATIONAL AND INTERNATIONAL SCIENTIFIC CONFERENCES (2010 – 2013)

2013

1. ***Cement with advanced fineness used for gamma radiations shielding*** – I. Petre, A. Moanță (CEPROCIM Bucharest) V. Fugaru ("Horia Hulubei" National Institute of Physics and Nuclear Engineering – IFIN HH, Romania), 18th Romanian International Conference on Chemistry and Chemical Engineering, 4-7 September 2013, Sinaia
2. ***Rupestral Church from "Corbii de Piatra"*** - I. Gomoiu, D. Mohanu (National University of Arts), I. Mohanu (CEPROCIM Bucharest), National Congress regarding the protection, rehabilitation and valorization of architectural, urban and landscapist Heritage "From architecture to built patrimony ... and farther", 27-29 September 2013, Sinaia, Romania
3. ***25 YEARS OF PROFICIENCY TESTS WITH INTERNATIONAL PARTICIPATION, ORGANIZED BY CEPROCIM FOR CEMENT MANUFACTURERS INDUSTRY AND OWNERS*** – Graziela Guslicov, Mariana Coarna, Cristina Vlad, Cristina Stancu (CEPROCIM Bucharest), PT-Conf, Brasov, (17)18-20 September 2013
4. ***INTERLABORATORY TEST ON ADHESIVES FOR CERAMIC TILES IN THE LAST 5 YEARS*** – Mariana Coarna, Graziela Guslicov, Cristina Stancu, Cristina Vlad (CEPROCIM Bucharest), PT-Conf, Brasov, (17)18-20 September 2013
5. ***DETERMINATION OF HEXAVALENT CHROMIUM IN CEMENT. STUDY ON METHOD VALIDATION*** – Margareta Toader, Simona Ungureanu, Marina Martin, Carmen Cionoiu (CEPROCIM Bucharest), PT-Conf, Brasov, (17)18-20 September 2013
6. ***SPLIT-SAMPLES TESTING SCHEME ACCORDING TO EN ISO/CEI 17043 – CASE STUDY ON A CERTIFIED FLY ASH FOR CONCRETE*** - Mariana Coarna, Graziela Guslicov (CEPROCIM Bucharest), Daniela Neciu (CET Govora S.A., Râmnicu Vâlcea), Margareta Toader, Cristina Stancu (CEPROCIM Bucharest), PT-Conf, Brasov, (17)18-20 September 2013
7. ***INTERLABORATORY TEST ON CEMENT – CASE STUDY AS A PERFORMANCE MONITORING TOOL IN A CEMENT PRODUCER LABORATORY*** – Mariana Coarna (CEPROCIM Bucharest), Florentina Poloșanu (CEMINTER INTERNATIONAL SRL, New Harbour Enclosure, Constanta), Graziela Guslicov, Cristina Stancu, Cristina Vlad (CEPROCIM Bucharest), PT-Conf, Brasov, (17)18-20 September 2013
8. ***USE OF VARIOUS TESTING METHODS TO CHARACTERIZE SOME ADDITIVATED HIGH ALUMINA CEMENTS*** – Cristina Stancu (CEPROCIM Bucharest), Nicolae Angelescu (VALAHIA University of Targoviste), PT-Conf, Brasov, (17)18-20 September 2013

9. **Preliminary research regarding the obtaining of composite materials used for gamma radiation shielding** (Adriana Moanță, Ionela Petre, Roxana Fechet – SC CEPROCIM SA, Viorel Fugaru – Institutul Național de Fizică și Inginerie Nucleară “Horia Hulubei”, Maria Gheorghe – Universitatea Tehnica de Construcții București, Eugeniu Vasile - S.C. METAV Cercetare-Dezvoltare S.A), CONSILOX, 10-13 October 2012.
10. **Characterization of super aluminous cements using thermogravimetric analysis and X-Ray Diffraction** (Cristina Stancu – CEPROCIM S.A.; Universitatea Valahia Targoviste, Nicolae Angelescu – Universitatea VALAHIA Targoviste, Sofiane Amziane – University Blaise Pascal Clermont II), CONSILOX, 10-13 October 2012.
11. **Study of method validation for the determination of hexavalent chromium in cement** (Margareta Toader, Simona Ungureanu, Marina Martin, Carmen Cionoiu – CEPROCIM S.A.), CONSILOX, 10-13 October 2012
12. **Comparison between different modes of data processing for quality control and quality results assurance** (Margareta Toader, Simona Ungureanu, Marina Martin – CEPROCIM S.A.), CONSILOX, 10-13 October 2012.
13. **Principles of graphical representation for intern control of quality results, in a certified testing laboratory** (Gherghina Ciortan – CEPROCIM S.A.), CONSILOX, 10-13 October 2012
14. **24 years of proficiency tests with international participation, organized by CEPROCIM for cement manufacturers industry and owners** (Graziela Guslicov, Mariana Coarna, Cristina Vlad, Cristina Stancu – CEPROCIM S.A.), CONSILOX, 10-13 October 2012
15. **Results of a four-year interlaboratory test program on adhesives for ceramic tiles** (Mariana Coarna, Graziela Guslicov, Cristina Vlad, Cristina Stancu – CEPROCIM S.A.), CONSILOX, 10-13 October 2012
16. **Consideration concerning research and testing methods for refractory concretes with low cement dosage** (Cristina Stancu – CEPROCIM S.A.; Universitatea Valahia Targoviste, Nicolae Angelescu – Universitatea VALAHIA Targoviste), CONSILOX, 10-13 October 2012
17. **The influence of SnO₂ on the formation and the reactivity of tricalcium silicate** (Daniela Nastac – SC CEPROCIM SA, Victor Fruth – Institutul de Chimie Fizica “Ilie Murgulescu”, Marcela Muntean – Universitatea Politehnica Bucuresti)
18. **Cementitious systems with nano-structured ZnO** (Ileana Mohanu, Jenica Paceagiu, Adriana Moanta – CEPROCIM SA; Roxana Mioara Piticescu, Cristina Florentina Rusti – Institutul National de Cercetare-Dezvoltare pentru Metale Neferoase si Rare; Ioana Gomoiu – Universitatea Nationala de Arte), CONSILOX, 10-13 October 2012
19. **Influence of additions of silica fume and limestone, from cements with advanced fineness, on the properties of injection fluids performed with these** (Ionela Petre, Adriana Moanta – CEPROCIM SA; Marcela Muntean – Universitatea Politehnica Bucuresti), CONSILOX, 10-13 October 2012
20. **Influence of using non-granulated blast furnace slag as raw material at clinker manufacturing** (Ionela Petre, Mirela Menicu, Adriana Moanta – CEPROCIM SA), CONSILOX, 10-13 October 2012
21. **Efficiency of grinding additives in case of obtaining cements with advanced fineness** (Ionela Petre, Adriana Moanta – CEPROCIM SA), CONSILOX, 10-13 October 2012

22. **Burning of combustible wastes and level of emissions of CO at clinker kiln for cement manufacturing** (Elena Radulescu, Ana-Maria Dragomir – CEPROCIM SA), CONSILOX, 10-13 October 2012
23. **Cement mortars with ecoactive photocatalytic properties** (Mirela Menicu, Adriana Moanta, Ileana Mohanu – SC CEPROCIM SA; Radu Robert Piticescu, Adrian Motoc – Institutul National de Cercetare-Dezvoltare pentru Metale Neferoase si Rare), CONSILOX, 10-13 October 2012
24. **Technological and quality implication at using of solid fuels in cement industry** (Elena Radulescu, Adriana Moanta – CEPROCIM SA), CONSILOX, 10-13 October 2012
25. **Behaviour Assesment of mortars to organic acids attack** (Jenica Paceagiu, Gherghina Ciortan – CEPROCIM SA), CONSILOX, 10-13 October 2012
26. **Romanian cement industry – chalenges and perspectives** (Doru Vladimir Puscasu – SC CEPROCIM SA), CONSILOX, 10-13 October 2012
27. **Releases of dioxins and furans in the cement industry** (Ecaterina Andronescu – Universitatea Politehnica Bucuresti, Doru Vladimir Puşcaşu – CEPROCIM SA), CONSILOX, 10-13 October 2012

2011

28. **Consideration concerning research and testing methods for refractory concretes with low cement dosage** (Cristina Ionita, Nicolae Angelescu, Marcela Muntean), 3rd International Proficiency Testing Conference, Iasi, 27(28)-30 septembrie 2011.
29. **Consideration concerning assessment of uncertainties of measurement for some mechanical testing and practical applications during inspection activities** (Graziela Guslicov, Mariana Coarna, Cristina Ionita, Liliana Radu, Nicoleta Vlad), 3rd International Proficiency Testing Conference, Iasi, 27 (28) – 30 septembrie 2011.
30. **Results of a three-year interlaboratory test program on adhesives for ceramic tiles** (Mariana Coarna, Graziela Guslicov, Cristina Vlad, Cristina Ionita), 3rd International Proficiency Testing Conference, Iasi, 27(28)-30 septembrie 2011.
31. **Validation of the particle size distribution obtained by laser diffraction method applied to cement powders** (Daniela Nastac), 3rd International Proficiency Testing Conference, Iasi, 27(28)-30 septembrie 2011.
32. **Results of Interlaboratory Test for Cement at the 23rd edition** (Graziela Guslicov, Mariana Coarna, Cristina Vlad), 3rd International Proficiency Testing Conference, Iasi, 27(28)-30 septembrie 2011.
33. **Influence of antioxidants on stability on time of reducing agents of Cr6+ from cement** (Adriana Moanță, Roxana Magdalena Fechet, Carmen Cionoiu, Georgeta Băleanu, Victor Faraon), 17th Romanian International Conference on Chemistry and Chemical Engineering 7-10 September 2011, Sinaia.
34. **Binders of injection based on unitary cements owned to consolidation works and/or geotechnics** (Ionela Petre, Marcela Muntean), 17th Romanian International Conference on Chemistry and Chemical Engineering 7-10 September 2011, Sinaia.
35. **Non-structured cimentoid materials photo-catalithic eco-active for inside and outside finishes** (Mirela Florentina Menicu, Radu Robert Piticescu, Adrian Motoc), 17th Romanian International Conference on Chemistry and Chemical Engineering, 7-10 September 2011, Sinaia.
36. **Correlations regarding hardening mechanism and physical-mechanical characteristics of binder masses from the system lime-limestone-pozzolana** (Ileana Mohanu, Maria Georgescu, Georgeta Voicu, Andreea Moncea, Adriana Moanță,

- Liliana Radu), 17th Romanian International Conference on Chemistry and Chemical Engineering 7-10 September 2011, Sinaia.
37. **Binder materials for historical monument recovery – Experiments in situ** (Ileana Mohanu, Dan Mohanu, Ioana Gomoiu, Jenica Paceagiu), Matter and Materials in/for Heritage Conservation, MATCONS 2011, Craiova, 24-28 August 2011.
 38. **Sarmatian limestone deposits within the Lapos Anticline of the Upper Molasse of Romanian Curvature Sub-Carpathians** (Roxana Fechet, Cosmin Drăgănoaia), 28th IAS Meeting of Sedimentology, Zaragoza, 5-8 July 2011.
 39. **Geological research for Piscul Pietrei Gypsum deposit (Bacau County, Romania)** (Cosmin Drăgănoaia, Roxana Fechet), 28th IAS Meeting of Sedimentology, Zaragoza, 5-8 July 2011.
 40. **Influence of SnO₂ on the formation of tricalcium silicate** (Daniela Nastac, V. Fruth, Marcela Muntean), 13th International Congress on the Chemistry of Cement, 3 – 8 July 2011, Madrid, Spain.
 41. **Valorization of high-carbon fly as raw material in the manufacture of Portland cement clinker** (Jenica Paceagiu, Daniela Nastac, Margareta Toader, Cosmin Draganoaia) 13th International Congress on the Chemistry of Cement, 3 – 8 July 2011, Madrid, Spain.
 42. **Research on metaconglomerate utilization to cement production** (Cosmin Draganoaia, Jenica Paceagiu) 13th International Congress on the Chemistry of Cement, 3 – 8 July 2011, Madrid, Spain.
 43. **Badeniene tuffs of the Slanic molasse (extra-carpathian romanian area) – deposit for cement industry and protect area** (Roxana Fechet, Adriana Moanta), 11th International Multidisciplinary Scientific Geo-Conference, SGEM 2011, Albena, 19-25 June 2011.
 44. **Sedimentary rocks, depositional environments and sequence stratigraphic in burdigalian and badenian deposits of Slanic Prahova – Alunis (Romania)**, (Roxana Fechet), 11th International Multidisciplinary Scientific Geo-Conference, SGEM 2011, Albena, 19-25 June 2011.
 45. **Consideration concerning total chromium and water-soluble chromium (VI)** assessment from cement-based composite binder materials (Carmen Cionoiu, Marcela Muntean, Liliana Radu, Cristina Ionita) 3rd International Conference on Recent Advances in Composite Materials (ICRACM 2010) 13 – 15 December 2010, Limoges, France.

2010

46. **Recycling wastes in Portland cement clinker manufacture** (Daniela Nastac, Roxana Fechet, Marcela Muntean) 3rd International Conference on Recent Advances in Composite Materials (ICRACM 2010) 13 – 15 December 2010, Limoges, France.
47. **Influence of alkaline activator on the characteristics of geo-polymers based on meta-china clay** (Ionela Petre, Stefania Stoleriu, Adriana Moanta) 3rd International Conference on Recent Advances in Composite Materials (ICRACM 2010) 13 – 15 December 2010, Limoges, France.
48. **Solutions of decreasing Cr⁶⁺ from cement**(Adriana Moanta, Ionela Petre, Mirela Menicu, G. Baleanu, V. Faraon) 3rd International Conference on Recent Advances in Composite Materials (ICRACM 2010) 13 – 15 December 2010, Limoges, France.

49. **Colored mortars based on hydrated lime** (Ileana Mohanu, Liliana Radu, Cosmin Draganoaia, Carmen Cionoiu) 3rd International Conference on Recent Advances in Composite Materials (ICRACM 2010) 13 – 15 December 2010, Limoges, France.
50. **Geological data for Pietroasa gypsum deposit (Transylvanian Basin, Romania)** (Cosmin Draganoaia), 18th International Sedimentological Congress, 26 September – 1 October 2010, Mendoza, Argentina.
51. **Mortars for conservation-restoration of wall painting support in rupestral churches** (Ileana Mohanu, I. Gomoiu, D. Mohanu, Daniela Nastac) Conference&RILEM TC 203-RHM Repair mortars for historic masonry final workshop 22 – 24 septembrie 2010, Praga, Czech Republic.
52. **Chemical and physical-chemical method for evaluation of the ratio of mineralogical components in clinker** (Margareta Toader, Marina Marin, Carmen Cionoiu, Daniela Nastac), ICOSECS 7 -International Conference of the Chemical Societies of the South-Eastern European Countries, September 15-17, 2010, Bucharest, Romania.
53. **Geological data for Pietroasa gypsum deposit (Cluj County)** (Cosmin Draganoaia), Seventh National Symposium on Economic Geology “Mineral resources of Carpathians Area”, September 10-12, 2010, Baia Mare, Romania.
54. **Mining wastes – sampling, processing and using in manufacture portland cement** (Roxana Fechet, Marius Zlagnean, Adriana Moanta, Liliana Ciobanu), Seventh National Symposium on Economic Geology “Mineral resources of Carpathians Area”, September 10-12, Baia Mare, Romania.
55. **Processing of solid mining wastes – a solution in fight against environment pollution** (Roxana Fechet, M. Zlagnean) 10th International Multidisciplinary Scientific Geo-conference & EXPO SGEM 2010, 20 – 25 June 2010, Albena, Bulgaria.
56. **Reuse of metallurgical slags in eco-cement clinker production** (Jenica Paceagiu, Ileana Mohanu, Cosmin Draganoaia), 10th International Multidisciplinary Scientific GeoConference & EXPO SGEM 2010, 20 – 25 June 2010, Albena, Bulgaria.
57. **Recycling of fly ash in cement manufacturing** (Jenica Paceagiu), 10th International Multidisciplinary Scientific GeoConference & EXPO SGEM 2010, 20 – 25 June 2010, Albena, Bulgaria.
58. **Evaluation of measuring incertitude for chemical analyses in an accredited testing laboratory** (Gherghina Ciortan), International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
59. **Possibilities of using autohtone fly ashes for concrete manufacturing as products for constructions with CE marking** (Graziela Guslicov, Mariana Coarna, Liliana Radu, Cristina Vlad, Cristina Ionita), International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
60. **Initial tests of evaluation for the content of hexavalent Cr soluble in water for industrial cements of type CEM II/A-LL** (Carmen Cionoiu, Margareta Toader, Marcela Muntean) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
61. **Panorama of cement industry from Romania at the level of the year 2010** (D. V. Puscasu, I. Crangasu), International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
62. **Mineralogical composition of Portland cement clinkers established by optical microscopy comparative with calculation method Bogue** (Daniela Nastac, Alice Pop, Gherghina Ciortan, Carmen Cionoiu, Nicoleta Vlad), International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.

63. **At Campulung was commissioned the most modern manufacturing line from Romania** (D.V. Puscasu, O. Dicu, P. Ghiocel) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
64. **Behavior of mortars based on lime in conditions of microclimate specific to rupestral churches** (Ileana Mohanu, Daniela Nastac, I. Gomoiu, D. Mohanu) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
65. **Characterization of cement systems with fly ash additived with TiO₂ nano-structured** (Ileana Mohanu, R. Piticescu, A. D. Capra) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
66. **Behavior of the cements with meta-china clay in mortars and concretes** (Ionela Petre, I. Robu, N. Saca, Roxana Fechet) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
67. **Ecological cements with low content of Cr⁶⁺** (Adriana Moanta, Ionela Petre, Mirela Menicu, G. Baleanu, V. Faraon) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
68. **Cements and mortars with mineral sterile resulted from tailing ponds** (Roxana Fechet, M. Zlagnean, L. Ciobanu, Ionela Petre, Daniela Nastac, Cosmin Draganoaia) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
69. **Experimental investigation on steel slag used as raw material in Portland cement manufacture** (Jenica Paceagiu, Ileana Mohanu, C. Draganoaia, E. Holban) International Conference of Chemistry and Chemical Engineering, 27 – 29 May 2010, Timisoara, Romania.
70. **CEPROCIM involvement in the national certification and the implementation of international norms** (Graziela Guslicov, Mariana Coarna, Liliana Radu, Cristina Vlad), 2nd Central and South European Drymix Mortar Conference and Industry Showcase, 07 May 2010, Istanbul, Turkey.