

CURRICULUM VITAE

First name Nicolae

Family name Angelescu

Nationality Romanian

Education . Polytechnica University Bucharest, in Engineering, 1972
. Doctorate, 1983.

Work Places *Metallurgical Research Institute (Res. Met. Inst. - ICEM) Bucharest*
. Technological Engineer 1972,
. Researcher 1975,
. Senior Scientist, 1985,
. Chief of Engineering Materials Laboratory, 1988 - 1996,
. Director of the National and International Research Programs, 1994 – 2012.
Valachia University of Targoviste
. Assoc Professor, 1996,
. Full Professor, 2000,
. Chief of Science Materials Chair at Valahia University, 2002,
. Deputy Director of MEIR Department at Valahia University, 2004 2012,
. PhD coordinator, from 2006.
Politehnica University Bucharest
. Assoc Professor, from 2002.

Didactic Activity
Professor for Advanced Ceramics, Engineering Materials (Cements, Concretes, Ceramics, Biomaterials) at Valahia University of Targoviste and Politehnica University Bucharest.

Doctoral, Master and Bachelor Papers Guided
Many Ph.D guided and guiding, bachelor and dissertation papers guided, also.
No of Ph.D Evaluated in Romania and Abroad – 25.

Member of editorial board
. The International Journal of Concrete Technology,
. The Journal The Scientific Bulletin of Valahia University Materials and Mechanics.

Member of the organizing committee of international scientific meetings

- . Member of the Organizing Committee and Chairman of the Conferences organized by ICEM Bucharest (1980 - 1990).
- . Member of the Organizing Committee and Chairman of the Conferences organized by the Valahia University of Targoviste (2003 - until now).
- . Member of the organizing committee and secretary of the Department of Refractories Sessions Scientific Communication CONSILOX, 1980.
- . Member of the Organizing Committee and Chairman at The 7th International Conference on Concrete Technology, 2008, Kuala Lumpur, Malaysia.
- . Member of the Organizing Committee and Chairman of the International Conference ARMICON, 2006, India.
- . Chairman of the 13th International Congress on Polymers in Concrete, Funchal – Madeira, Portugal, 2010.

Selected Grants

- . Refractory Materials, Romania, 1998,
- . Big Capacity Cement Factory Preheater Refractory Lining, Assiut, Egypt, 1989,
- . Low Cement Concretes, Romania, 1997
- . New refractory materials for steelmaking, 2008.
- . Special refractory materials for reducing environment, 2006.
- . Performance refractory technology for chemical and petrochemical industry, 2006.
- . Refractory concretes composition, 2004.
- . New binding system for monolithic refractories, 2001.

International research projects

- . Refractory Monolithic for Installation Tech. in Hot Climates, Assiut, Egypt, 1987.
- . Special Concretes for Assiut Cement Factory Preheater (Egypt), 1988.
- . Silica fume and alumina fine powders special refractory castables. Scientific research Project Romania-India (Parteners: Valahia University Targoviste and Metallurgical Research Institute Bucharest from ROMANIA and M.S.R. Institute of Technology Bangalore, INDIA), 2007.

European Projects

1. PREDEX, Cod POSDRU/ CPP107/DMI1.5/S/77497, 2011 - 2013;
2. Cod POSDRU/ 88/1.5/S/63269, 2011 - 2013;
3. POSDRU 6/1.5/S/232011, 2010 -2012.

Related Activities

- . Scientifically Counsellor of Res. Met. Inst., 1996,

- . Advisor of Valachia University, 1995,
- . Advisor of Polytechnica University, 1995,
- . Directorship of Silicate and Oxide Materials Congress, Constanta, 1996,
- . Directorship of Annual International Metallurgical Conference, Bucharest, 1976-1990,
- . Member of Romanian Ceramic Society, Romanian Metall. Soc., Engr. National Council,
- . Doctorate Board Member of Politechnica University from Bucharest,
- . Member of executive board for International Association for Concrete Technology (IATC),
- . AASCIT Member (The American Association for Science and Technology - AASCIT), 2012.

Recognition

American Who'sWho in Science and Engineering, 5th Edition, 2000-2001,
 American Who'sWho in Science and Engineering, 6th Edition, 2002-2003,
 American Who'sWho in Science and Engineering, 7th Edition, 2004,
 American Who'sWho in Science and Engineering, 8th Edition, 2005,
 American Who'sWho in Science and Engineering, 9th Edition, 2006,
 American Who'sWho in Science and Engineering, 10th Edition, 2007,
 American Who'sWho in the World, 17th Edition, 2000,
 American Who'sWho in the World, 18th Edition, 2001,
 American Who'sWho in the World, 19th Edition, 2002,
 American Who'sWho in the World, 20th Edition, 2003,
 American Who'sWho in the World, 21th Edition, 2004,
 Who'sWho in Finance and Industry 33rd Edition, 2002-2003, 34th Edition, 2004- 2005,
 Who'sWho in Finance and Business 33rd Edition, 2004-2005,
 Hubners Who is Who - Romanian Personalities Encyclopedia, 5th Edition, 2010.
 Dictionarul Personalitatilor din Romania, 2016.

Awards

- International Scientist of the Year for 2001, IBC Cambridge,
- International Personality of the Year for 2000, IBC Cambridge,
- Intellectual of 20th Century, IBC Cambridge,
- International Man of the Year for 2001, IBC Cambridge,
- Scientist of the 20th Century – Second Edition,
- The Twethiech Century Award for Achievement, IBC Cambridge,
- The Twethiech Century Award for Achievement, IBC Cambridge,
- Outstanding people of the 20th Century - Second Edition, IBC Cambridge,
- Leader for the New Century – Barons Who's Who,
- Scholars of the 21ST Century - IBC Cambridge,

- Intellectual of 21th Century, IBC Cambridge, Second Edition, IBC Cambridge,
- Scientist of the 21st Century, IBC Cambridge,
- 21st Century Award for Achievement, IBC Cambridge,
- Leading Scientist of the World, 2005, IBC Leading Professional of the World, Anglia,
- Man of the Year – 2006, ABI American Biographical Institute, Inc.
- Doctor Honoris Causa

Scientific Research Activity

Fields of Fundamental Themes:

- . Silicate Cements,
- . Silicate Concretes,
- . Aluminous Cements,
- . Refractory Concretes,
- . Low and Ultra-Low Cement Concretes
- . Refractory Ram and Plast Masses,
- . Refractory Dry Masses,
- . Technical and Advanced Ceramics,
- . Ceramic Biomaterials,
- . Refractory Intermetallic Compounds,
- . Cermets,
- . Composites,
- . Refractory Monolithic Linings for Waste Incinerators and Power Plants,
- . Metallurgical powder.

Fields of Applicative Themes:

- . Silicate Cements,
- . Silicate Concretes,
- . Refractory Monolithic for Iron, Steel and Non-ferrous Industry,
- . High Alumina Concretes for Chemical and Petrochemical Industry,
- . Bioceramics (Hydroxyapatite, Bioglasses)
- . Ceramic Pieces for Thermocouples,
- . Monolithic Linings for Chemical and Petrochemical Installations,
- . Refractory Monolithic for Cement Plants (i.e. Preheater),
- . Refractory Monolithic Linings for Waste Incinerator and Power Plants,
- . Refractory Composites,
- . Raw Materials for Electrical Resistance Elements Type Silite and Superkanthal,
- . Monolithic Refractories for Steel Ladle.
- . Steel casting.

In above-mentioned fields I am holder of

- . 144 fundamental and applicative research projects,
- . 19 Patents (10 applied industrially),
- . Over 135 scientific communications,
- . Over 168 published works,
- . 9 speciality books and 2 lab guides.

. Patents

1. Rus, I., **Angelescu, N.**, Branza, M., Ittu, C., Grecicosei, C. - *Compoziție speciala de betoane refractare pentru otelarii*, Dosar OSIM A/00767/28.09.2009
2. **Angelescu, N.**, Ionita, G., Grecicosei, C., Nicolae, A., Andrei, G., Bedo, T. – *Compozitie de betoane anticorozive rezistente la medii reducatoare*. Dosar OSIM A/00212 din 22.03.2007.
3. **Angelescu, N.**, Ionita, G., Oprea, F., Grecicosei, C. – *Produse refractare monolitice si procedeu de obtinere a acestora*. Brevet Romania nr. 122452 din 30.06.2009.
4. **Angelescu, N.** Nedelcu, I. - *Compozitie metaloceramica*. Brevet nr. 109538 din 28.02.1995.
5. **Angelescu, N.**, Grecicosei, C., Volceanov, E., Tuclea, D., Mircea, F. - *Amestec de siliciuri de molibden si procedeu de obtinere a acestora*. Brevet nr. 106867, din 30.06.1993.
6. Teoreanu, I., **Angelescu, N.**, Bertalan, V., Bertalan, G., Volceanov, E., Radulescu, G., Mihalache, F., Mircea, F., Grecicosei, C., Stanciu, L. - *Betoane refractare aluminoase speciale*. Brevet nr. 105950 din 30.12.1992.
7. **Angelescu, N.**, Bertalan, V., Catone, D., Mihalache, F., Radulescu, G., Volceanov, E., Grecicosei, C., Stanciu, L. - *Compozitie de betoane refractare*. Brevet nr. 105951 din 30.12.1992.
8. **Angelescu, N.**, Volceanov, E., Grecicosei, C., Stanciu, L., Bertalan, V. - *Betoane refractare cu inalta rezistenta la soc termic*. Brevet nr. 105953 din 30.12.1992.
9. **Angelescu, N.** - *Compozitie speciala de materialrefractar*. Brevet nr. 105562 din 31.08.1991.
10. Becherescu, M., Ittu, C., **Angelescu, N.**, Suci, I., Chebutiu, S., Ghitau, R., Dumitrescu, T. - *Praf de lubrefiere pentru turnarea otelurilor speciale*. Brevet nr. 102670 din 9. 09. 1991.
11. **Angelescu, N.**, Mircea, F. P., Bertalan, G. – *Compozitie magneziospinelica*. Brevet nr. 101167 din 28.03.1990.
12. **Angelescu, N.**, Szabo, A., Mihalache, F. – *Compozitie refractara corindonica*. Brevet nr. 99198 din 8.06. 1987. Aplicat industrial la S.C. REAL - SA Pleasa Ploiesti.
13. **Angelescu, N.**, Szabo, A., Burtan, N., Paslaru, I., Mazilu, I., Urcan, M., Grecicosei, C. – *Compozitie refractara alumino-spinelica*. Brevet nr. 96587 din 9.10.1986. Aplicat industrial la Fabrica de Produse Magneziene Tulcea.
14. **Angelescu, N.**, Dragomir, C., Szabo, A., Dragoman, I., Preda, D. - *Masa refractara magnezioaluminoasa*. Brevet nr. 87179 din 24.01.1985. Aplicat industrial la Fabrica de Produse Magneziene Tulcea.
15. Teoreanu, I., **Angelescu, N.** - *Betoane refractare aditivite*. Brevet nr. 82184 din 28.04.1983.

16. Teoreanu, I., **Angelescu, N.** - *Compozitie pentru betoane refractare*. Brevet nr. 80287 din 10.09.1982.
17. Teoreanu, I., **Angelescu, N.** - *Betoane refractare*. Brevet nr. 73567 din 30.01.1980. Aplicat la I.P.R. REAL - Pleasa Ploiesti.
18. **Angelescu, N.** , Dragomir, C., Rosculet, I. - *Mase refractare magnezitice pentru cuptoare metalurgice*. Brevet nr. 73251 din 29. 11.1979. Aplicat la ICEM si Grant Metal Bucuresti.
19. Szabo, A., **Angelescu, N.** , Popovici, R. - *Mase refractare pentru captusirea cuptoarelor metalurgice*. Brevet nr. 69630 din 25.10.1978. Aplicat industrial la I.P.R. REAL - Pleasa Ploiesti.

Books

- . Refractory Materials, Laboratory Guide, 1998,
- . Corrosion and protection against corrosion of materials, Laboratory Guide, 1999,
- . Fundamentals of Special Refractory Concretes, Ed. Macarie, Târgoviște, ISBN 973 - 9391 – 83 – 4, 2001,
- . Electrochemistry technology, Ed. Stiințifică *F.M.R.*, Bucuresti, ISBN 973 - 8185 – 06 – 6, 2002,
- . Corrosion resistant metallic and nonmetallic materials, Editura Științifică *F.M.R.*, Bucuresti, ISBN 973 – 8185 – 08 – 2,2002,
- . Corrosion and corrosion protection of metallic materials, Ed. Macarie, Târgoviște, ISBN 973-8135- 99-0, 2002,
- . Molybdenum silicide – material with anticorrosive and resistive properties, Ed. Macarie, Târgoviște, ISBN 973-8135–93–6, 2002,
- . Special monolithics for ladles, Ed. Macarie, Târgoviște, ISBN 973-8135-97-4, 2002,
- . Ceramic phase compozite materials, Ed. Științifică *F.M.R.*, București, ISBN: 973-8151-37-6, 2005,
- . Epistemology interdisciplinary perspective, Ed. Bibliotheca, Targoviste, ISBN978-973-712-651-3, 2011,
- . Ceramic Biomaterials Based on Calcium Phosphate, Ed. Valahia University Press, ISBN 978-606-603-028-12012.

. Works Published in Magazines

A. ISI and/or Thomson Scientific Indexed Magazines

1. Toma, F. M., Stoian, E. V., **Angelescu, N.** – *Studies regarding the role of powder used in the continuous molding of alloys*. Polish Polar Research Journal, 43(6), pp. 2-9, 2022.
2. Toma Florin Marian, **Angelescu Nicolae**, Stoian Elena Valentina - *Blast furnace slags recovery at continuous steel casting*. Polish Polar Research Journal, 42(2) 2021, pp. 20 – 25.
3. D. Avram, D.N. Ungureanu, **N. Angelescu**, I. Ioniță, E. C. Popescu - *The bioactivity assessment of silver-doped phosphocalcic glasses*, International Conference SPIE ATOM-N-2018, 23-25 august, Constanta, PDF: 8 pages, Proc. SPIE 10977, Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies IX, 109770D, (ISI indexed), 31

December 2018-January 2019, DOI: 10.1117/12.2323596.

4. Avram, D., **Angelescu, N.**, Ungureanu, D., Ionita, I., Gheboianu, A., Bancuta, L., Popescu, E. C. - *The structural and compositional evaluation of some calcium phosphate glasses with bioactive potential*. Revista de Chimie, 69, Nr. 6, 2018.
5. Avram, D., **Angelescu, N.**, Ungureanu, D., Ionita, I., Gheboianu, A., Bancuta, L. - *Study of phosphocalcic glasses $\text{SiO}_2 - \text{CaO} - \text{P}_2\text{O}_5$ system with and without silver I. Synthesis of glasses and characterization by WD – XRD*. Revista de Chimie, 68, Nr. 5, 2017.
6. Avram, D., **Angelescu, N.**, Ungureanu, D., Bratu, V. Ionita, I., Gheboianu, A., Lungulescu, E.,M. - *Study of phosphocalcic glasses $\text{SiO}_2 - \text{CaO} - \text{P}_2\text{O}_5$ system with and without silver II. The bioactivity analisis by FTIR, SEM methods and microbiological study of silver- doped glasses*. Revista de Chimie, 68, Nr. 6, 2017.
7. Avram, D., **Angelescu, N.**, Ungureanu, D., Bratu, V., Gheboianu, A., Bancuță, Setnescu, T. - *Study on bioactivity of phosphocalcic glasses*, Journal of Optoelectronics and Advanced Materials, Vol. 18, No. 7-8, July - August 2016, p. 691 – 696.
8. Avram, D., **Angelescu, N.**, Ungureanu, D., Bratu, V. - *Obtaining simple and doped phosphocalcic glasses by using sol-gel technique*. Journal of Optoelectronics and Advanced Materials (JOAM), Vol. 17, No. 7-8, July - August 2015, p. 1038 - 1043. Lucrare prezentata la BRAMAT2015.
9. **Angelescu, N.**, Ionita, C., Bratu, V. - *Structural and mechanical characterization of high alumina additivated cement based on high refractory mineralogical compounds*. Construction Materials and Structures. Pages 113 – 120. Edited by Ekolu, S.O., Dundu, M., Gao, X., IOS Press, 2014, doi: 10.3233/978-1-61499-466-4-113. Conference: 1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, November 24 – 26, 2014.
10. Abdelgader, H. S., Othman A. M., El-Baden, A.S., **Angelescu, N.** - *Concreting method that produces sustainable concrete*. Construction Materials and Structures. Pages 127 – 135. Edited by Ekolu, S.O., Dundu, M., Gao, X., IOS Press, 2014, doi: 10.3233/978-1-61499-466-4-127. Conference: 1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, November 24 – 26, 2014.
11. Ungureanu, D., **Angelescu, N.**, Catangiu, A., Bratu, V., Despa, V., Anghelina, V., Tsakiris, V., Marinescu, V. - *In vitro structural changes on the surface of $\text{SiO}_2 - \text{CaO} - \text{P}_2\text{O}_5$ bioactive glasses*. Journal of Optoelectronics and Advanced Materials (JOAM), Vol. 15, No. 7-8, July - August 2013, p. 744 – 749. Lucrare prezentata la BRAMAT2013.
12. Ion, I., Barosso, J. A., **Angelescu, N.**, Stanciu, D. - *Properties of polymer modified concrete in fresh and hardened state*. Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 687, pp 204-212, 2013. Lucrare prezentata la 14th ICPIIC International Congresses on Polymers in Concrete, Shanghai (China), 2013.
13. Ion, I., Stanciu, D., Barosso, J. A., **Angelescu, N.** - *Polymer concrete, correlations between properties*. Metalurgia International, Vol. XVIII(5), p. 236-249, 2013.
14. Stanciu, D., Ion, I., Barosso, J. A., **Angelescu, N.** - *Self-Compacting Concrete. A Comparison between the Workability Properties, Density, Porosity and Mechanical Properties*. Metalurgia International, Vol. XVIII(3), p. 138-141, 2013.
15. Abdelgader, H. S., Segayer, A. M., Fahema, A. H., El-Baden, A.S., **Angelescu, N.** – *Mechanical Properties of Two-Stage (Pre-Placed Aggregate) Concrete*. Proceedings

- of The International Conference on Advances in Cement and Concrete in Africa, ACCTA 2013, Johannesburg, South Africa, 2013, pp. 351 – 359.
16. Ionita, C., **Angelescu, N.** Abdelgader, H. S., Bratu, V., Stanciu, D., Ion, I. - *The influence of hydration on the mechanical strength of the high aluminous cement.* Proceedings of The International Conference on Advances in Cement and Concrete in Africa, ACCTA 2013, Johannesburg, South Africa, 2013, pp. 961 – 968.
 17. **Angelescu, N.**, Amziane, S., Ionita C., Ion, I., Stanciu, D. - *Concretes for Special Applications.* Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 479-481, pp 595-600, 2012.
 18. **Angelescu, N.**, Amziane, S., Ionita C., Ion, I., Stanciu, D. - *Special and New Monolithics.* Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 479-481, pp 362-365, 2012.
 19. Ungureanu, D., **Angelescu, N.**, Tsakiris, V., Marinescu, V. - *Investigations Regarding Chemical Measuring of Synthesis of Calcium Hydroxyapatite,* Romanian Journal of Materials (Revista Romana de Materiale), 42 (1), pp. 52-60, 2012.
 20. Ionita C., **Angelescu, N.**, Amziane, S. – *Characterization of super alumina cements using thermogravimetry analysis and X-ray diffraction,* Metalurgia International vol 17 (2012), no. 6, pp. 174-177, ISSN 1582 – 2214.
 21. Ungureanu, D., **Angelescu, N.**, Catangiu, A., Stoian, E., Rizescu, C, Avram, D. – *Synthesis and Characterisation of Bioactive Sol – Gel Glass: A Preliminary Study.* Advanced Materials Research, Trans. Tech. Publications, Switzerland, Vols. 341-342, pp 21-25, 2012.
 22. **Angelescu, N.**, Ungureanu, D., Catangiu, A. - *Synthesis of Crystalline Hydroxyapatite Prepared from Aqueous Solutions.* Revista de Chimie, 62, Nr. 7, 702-706, 2011.
 23. **Angelescu, N.**, Ungureanu, D., Catangiu, A., Bratu, V., Anghelina, V. – *Synthesis and characterization of Hydroxyapatite Powders obtained by Wet Chemical Method.* Metalurgia International, Vol. XVI(4), p. 125-128, 2011. (*Lucrare prezentata la 7th International Conference on Materials Science & Engineering BRAMAT, Brasov, 2011.*)
 24. **Angelescu, N.**, Muntean, M., Ionita, C. - *Noi betoane refractare speciale.* Revista Romana de Materiale, 40 (3), pag. 193-202, 2010.
 25. **Angelescu, N.**, Barosso, J., Surugiu, G., Paunescu, L. – *Considerations Regarding the Possibility of Heat Losses Reducing through Furnace Lining in Accordance with Actual Trends of Refractory Lining Structure Optimization.* Metalurgia International, Vol. XV(12), p. 23-28, 2010.
 26. **Angelescu, N.**, Paunescu, L., Surugiu, G. – *Thermal Conductivity Reduction – Basic Requirements of Performance Refractory Linings.* Metalurgia International, Vol. XV(8), p. 48-54, 2010.
 27. **Angelescu, N.**, Surugiu, G., Paunescu, L. – *Calculating Heat Losses through Refractory Lining During Heating and Cooling a Batch Furnace.* Metalurgia International, Vol. XIV(9), p. 8-14, 2009.
 28. **Angelescu, N.**, Paunescu, L. – *Researches in View of Heat Losses Reduction through the Insulation of the Casting Ladles.* Metalurgia International, Vol. XIV(9), p. 33-38, 2009.
 29. **Angelescu, N.**, Paunescu, L., Surugiu, G. – *Determining the Correlation Between the Liquid Steel Temperature and the Temperatures of the Casting Ladle Encasting*

Surface During Transportation to the Continuous Casting Station. Metalurgia International, Vol. XIV(10), p. 16-21, 2009.

30. **Angelescu, N.**, Rizescu C. - *Cobalt and its compounds*. www.Environmental - Expert.com Articles & Case Studies, Health & Safety, published May 29, 2007.
31. **Angelescu, N. s.a.** - *Consideratii privind sinteza MoSi₂ si obtinerea compozitelor ceramometalice cu faza ceramica din alumina rezistente la coroziune*. Revista de Chimie, 58, Nr. 12, 1239-1243, 2007.
32. **Angelescu, N.** - *MoSi₂ – Al₂O₃ Cermet Type*. Seventh ECERS, Brugge, Belgium, 2001 (Publicat in 2002). Key Engineering Materials, Trans Tech Publications, Switzerland • Germany • UK • USA, Vols. 206-213, pp. 665-668, ISBN 0-87849-882-6, 2002.
33. **Angelescu, N.** - *Some Considerations Regarding MoSi₂ Synthesis*. Ceramics International, 24(1), pp. 73-76, 1998, ISSN 0272-8842.
34. Oprea, F., **Angelescu, N.** - *MoSi₂ Self - Purification through High – Temperature Synthesis*. The 5th European Ceramic Society Conference. Key Engineering Materials, Trans. Tech. Publications, Switzerland, Vols. 132-136, pp. 806 – 809, 1997.
35. Teoreanu, I., **Angelescu, N.**, Tuclea, D. - *La cinetique de la hydratation du ciment alumineux CA-CA₂ et la composition de ses produits de hydratation*. Revue Roumain de Chimie, Academia Romaniei, 29(1), pp. 113-120, 1984, ISSN 0035-4090.

B. Other Magazines

1. Dan Nicolae Ungureanu, **Nicolae Angelescu**, Adrian Catangiu, Daniela Avram, Florina Violeta Anghelina and Ileana Nicoleta Popescu – *Synthesis of Ceramic Biomaterials Based on Calcium and Phosphorus from Aqueous Solutions*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0014, Volume 17, Issue 17 (Martie 2020), p.23 – 26.
2. Elena Valentina STOIAN, Dan Nicolae UNGUREANU, Florin TOMA, Alexandru Gabriel COLȚA, Daniel ANCULESCU, Vasile BRATU, **Nicolae ANGELESCU** - *SPECIAL BINDING FOR REFRACTORY CONCRETES*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0012, Volume 17, Issue 17 (Martie 2020), p.11 – 16.
3. Dan Nicolae UNGUREANU, Elena Valentina STOIAN, Florin TOMA, Daniel ANCULESCU, Alexandru Gabriel COLȚA, **Nicolae ANGELESCU**, Vasile BRATU – *PROPERTIES AND STRUCTURE OF LOW-CEMENT CONCRETE ACCORDING TO ITS COMPOSITIONAL PARAMETERS*. . The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0016, Volume 17, Issue 17 (Martie 2020), p. 33 – 36.
4. **Nicolae Angelescu**, Dan Ungureanu, Vasile Bratu, Florin Toma - *Special refractory concrete for steel ladle equalization layer*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0002, Volume 17, Issue 16 (Jun 2019), p. 13 – 17.
5. **Nicolae Angelescu**, Dan Ungureanu, Florin Toma - *Special refractories resistant to the melt metals and slags attack*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.2478/bsmm-2019-0004, Volume 17, Issue

- 16 (Jun 2019), p. 28 - 31.
6. **Angelescu, N.**, Ungureanu, D., Bratu, V. - *Concretes with organic admixtures*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.1515/bsmm-2018-0011, Volume 16, Issue 15 (Dec 2018), p. 7 – 10.
 7. Ungureanu, D., Avram, D., **Angelescu, N.**, Catangiu, A., Anghelina, V., Despa, V. - *Comparative study of bioceramic powders synthesis based on calcium and phosphates*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.1515/bsmm-2018-0002, Volume 16, Issue 14 (Apr 2018), p. 13 – 16.
 8. Avram, D., Ungureanu, D., **Angelescu, N.**, Barosso, J. A. - *A comparative study on the properties of potentially bioactive glasses obtained by sol-gel technique and by melting mixtures of oxides*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.1515/bsmm-2017-0013, Volume 15, Issue 13 (Oct 2017), p. 18 – 24.
 9. **Angelescu, N.**, Bratu, V., Stoian, E., V., Ungureanu, D., Gurban, A. M. - *Dental cements*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, DOI 10.1515/bsmm-2017-0013, Volume 15, Issue 13 (Oct 2017), p. 25 – 27.
 10. **Angelescu, N.**, Ion, I., Stanciu, D., Barosso, J. A., Stoian, E., V. - *Special concrete with polymers*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 11(14), pp. 7-10, 2016.
 11. **Angelescu, N.**, Ion, I., Stanciu, D., Barosso, J. A., Abdelgader, H. S., Bratu, V. - *Role of superplasticizer additives upon hydration process of cement pastes*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 11(14), pp. 23-26, 2016.
 12. Avram, D., Ungureanu, D., **Angelescu, N.**, Bancuta, I, Gheboianu, Bratu, M.,G. - *Study of bioactivity and antimicrobial activity in case of glasses from SiO₂-CaO-P₂O₅ ternary system*. The Scientific Bull of Valahia University - Materials and Mechanics - Nr. 10 (year 13), p. 81-86, 2015.
 13. **Angelescu, N.**, Ionescu, G., Despa, V. - *Molybdenum disilicide obtaining*. The Scientific Bulletin of VALAHIA University – MATERIALS and MECHANICS, nr. 7(10), pp. 6-8, 2012.
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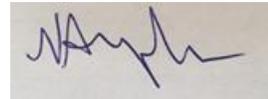
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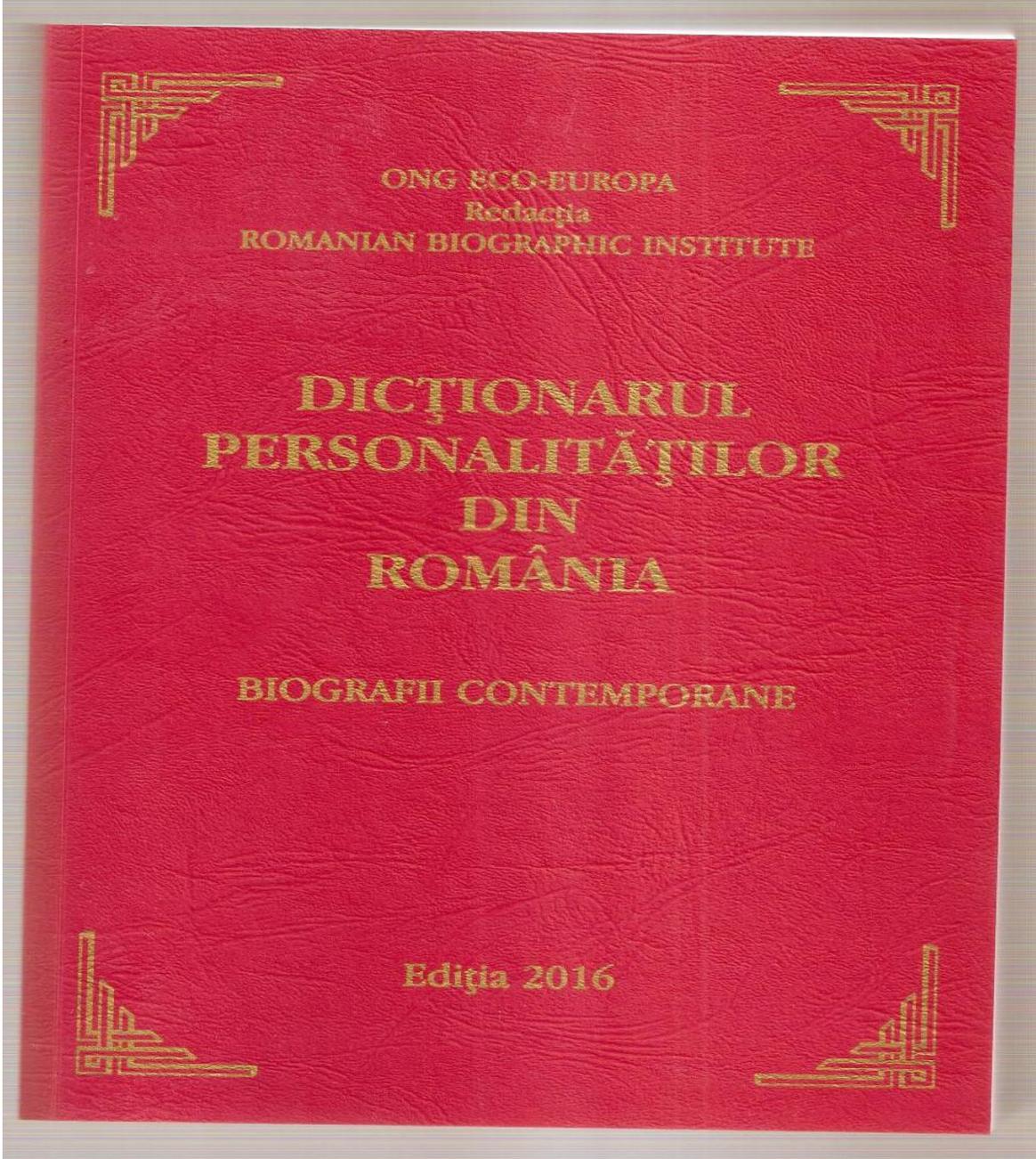
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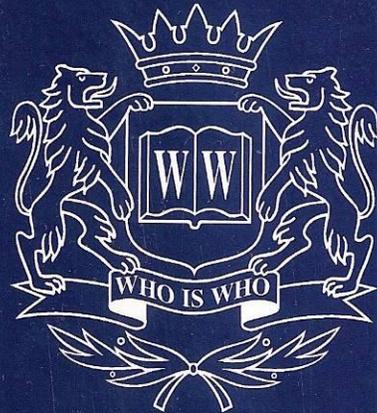
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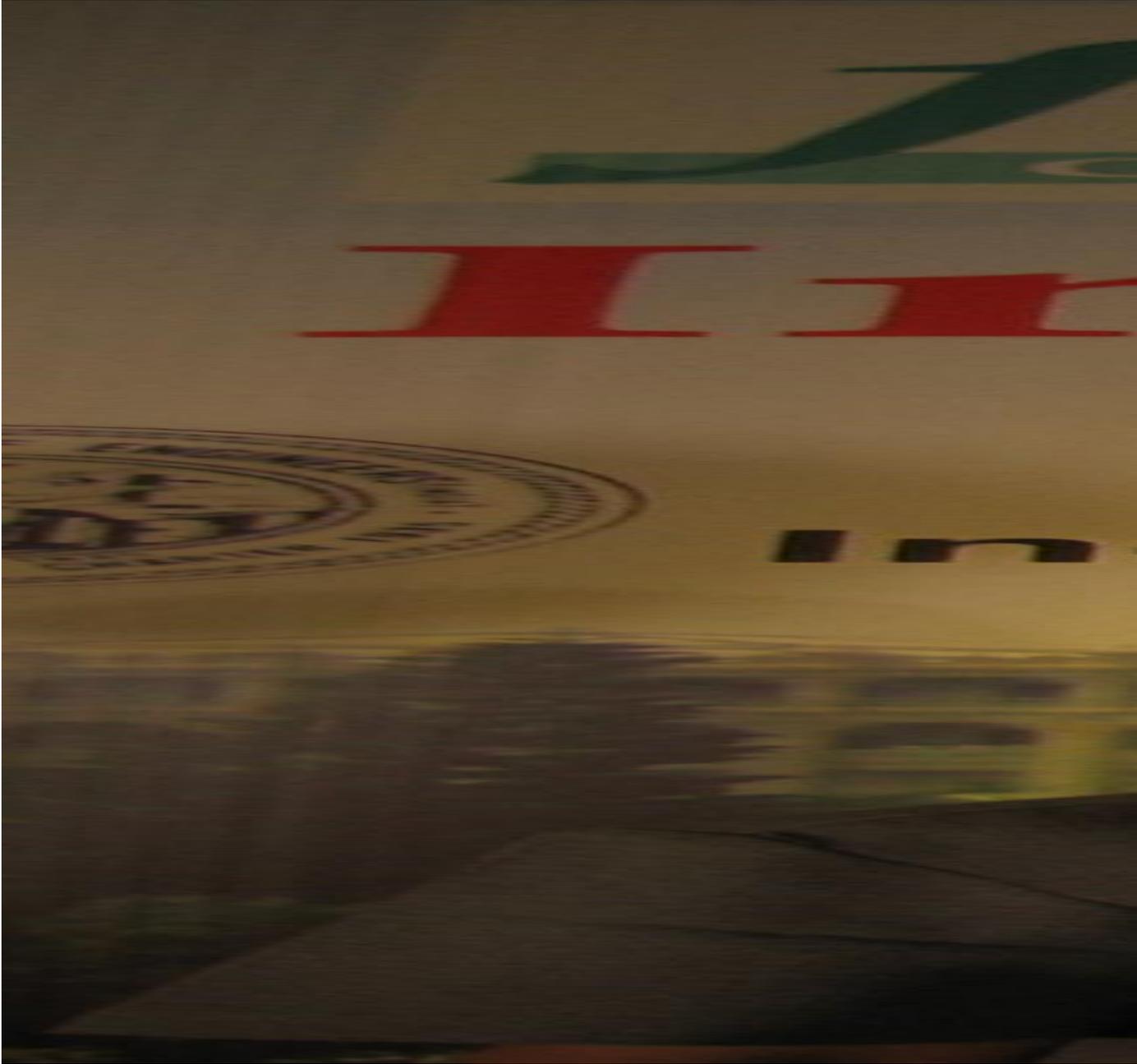
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Conferinta Internationala de Chimia Starii Solide, 2009, Playa del Carmen, Cancun, Mexico



Conferinta la Sri Jayachamarajendra College of Engineering , Mysore, INDIA, 2008



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LISTA DE LUCRARI

1⁰ TEZA DE DOCTORAT

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