

**EUROPEAN
CURRICULUM VITAE**

PERSONAL INFORMATION

Last name: HATHAZI
First name: FRANCISC – IOAN
Address: ---
Telephone: ---
Fax: ---
e-mail: ---
Citizenship: Romanian
Date and Place of Birth: ---

PROFESSIONAL EXPERIENCE

- Period (from - until) **January 2019 – present;**
- Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universității Str., Oradea, Bihor, Postal cod 410087
- Type of business or sector Education
- Occupation or position held Responsible domain PhD – Electrical Engineering
- Main activities and responsibilities
 - The head of the doctoral domain – Electrical Engineering performs the management and operative leadership of this domain within the doctoral school of Engineering Sciences.
- Period (from - until) **February 2017 – present;**
- Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universității Str., Oradea, Bihor, Postal cod 410087
- Type of business or sector Education
- Occupation or position held Associate Professor PhD.Eng.Inf.Habil.
- Main activities and responsibilities
 - My activities and responsibilities have been greatly expanded, on a didactic level with courses, seminar, laboratory in the Superconductor and Superconductor Systems disciplines, Microwave Technologies, Electrical Circuit Theory, Introduction to Computer Engineering and Programming Technique, Applied Informatics, Electromagnetic Field Theory, Computer Assisted Graphics, Computer Programming, Electromagnetic Compatibility, Materials for Electronics
 - On a scientific and research level, my activity is devoted to solving problems within research contracts, materialized by publishing articles, scientific papers at national and international conferences, as well as by editing courses / books / laboratory guides.
- Period (from - until) **October 2015 – present;**
- Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universității Str., Oradea, Bihor, Postal cod 410087
- Type of business or sector Education
- Occupation or position held Electrical Engineering Department Manager
- Main activities and responsibilities
 - The department director will performs the operational leadership management of the department, with the following duties and responsibilities:
 - responsible for compliance of the department's obligations regarding the curricula and syllabi of the disciplines;
 - draw up and sign the functional state regarding teaching and research duties in the department;
 - responsible for managing research and quality in the department;
 - responsible for financial management of the department;
 - propose competitions on open positions for teaching and research;
 - determines how will be perform the hours from the department teaching vacancies position;

<ul style="list-style-type: none"> – Period (from - until) – Name and address of employer – Type of business or sector – Occupation or position held – Main activities and responsibilities – Period (from - until) – Name and address of employer – Type of business or sector – Occupation or position held – Main activities and responsibilities – Period (from - until) – Name and address of employer – Type of business or sector – Occupation or position held – Main activities and responsibilities – Period (from - until) – Name and address of employer – Type of business or sector – Occupation or position held – Main activities and responsibilities 	<p>– attend to the Faculty Council meetings.</p> <p>March 2004 – February 2017;</p> <p>University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universităţii Str., Oradea, Bihor, Postal cod 410087</p> <p>Education</p> <p>Lecturer, PhD.Eng.Inf.</p> <ul style="list-style-type: none"> – The activities and my responsibilities have expanded greatly, from the teaching of classes, seminars, laboratory for disciplines: Superconductors and systems Superconducting, Applied Informatics, Computer Utilization, Microwave Technologies, Electromagnetic Field Theory, Computer Aided Graphics, Computer Programming and Electrical Circuits Theory; – On the scientific plan and research, my work is devoted to solving problems within research contracts, resulting in the publication of articles, scientific papers at national and international conferences and by publishing courses / books / laboratory guides. <p>1999 – 2004</p> <p>S.C. C.G.H. Design S.R.L., Oradea, Bihor</p> <p>Research</p> <p>Director of Research Department - Development</p> <ul style="list-style-type: none"> – The activities and my responsibilities have expanded, coordinating and participating actively in several research projects. <p>1998 – 1999</p> <p>S.C. ROHE Romania, Bucureşti</p> <p>Design, research</p> <p>Design Engineer</p> <ul style="list-style-type: none"> – The activities and my responsibilities have expanded, coordinating and participating actively in several research projects. <p>1992 – 1998</p> <p>University of Oradea, The National Geothermal Research Centre</p> <p>Research</p> <p>Engineer, Design Engineer</p> <p>Responsible of Research Contracts Department</p>
EDUCATION AND TRAINING	
<ul style="list-style-type: none"> – Period (from - until) – Name and address of employer – Title of qualification awarded – Period (from - until) – Name and type of organization providing education / training – Field studied – Title of qualification awarded – Period (from - until) – Name and type of organization providing education / training – Field studied – Title of qualification awarded – Period (from - until) – Name and type of organization providing education / training – Field studied – Title of qualification awarded – Period (from - until) – Name and type of organization providing education / training – Field studied – Title of qualification awarded – Period (from - until) – Name and type of organization providing education / training 	<p>April 2017</p> <p>University of Oradea,</p> <p>Education</p> <p>Order of the Minister of National Education no. 4129 / 21.06.2017 was granted the Certificate of Enablement in the field of doctoral studies "Electrical Engineering"</p> <p>2013 – 2015</p> <p>University of Oradea, Faculty of Sciences</p> <p>Education</p> <p>Informatics</p> <p>Specialization: Distributed Systems in the Internet</p> <p>Master Degree</p> <p>2007 – 2009</p> <p>University of Oradea, Faculty of Sciences</p> <p>Education</p> <p>Informatics</p> <p>Specialization: Informatics</p> <p>Informatician (Bachelor's degree)</p> <p>2004 – 2006</p> <p>University of Oradea</p> <p>Education</p> <p>Electrical engineering</p> <p>PHD Degree in Electrical Engineering</p> <p>1997 – 1998</p> <p>University of Oradea, Faculty of Electrical Engineering and Informatics</p> <p>Education</p>

- Field studied Electro mechanic
- Title of qualification awarded Specialization: Modern Technologies in the field of using inductive heating equipment and microwave
- Period (from - until) Postgraduate Diploma
- Name and type of organization providing education / training **1995 – 1997**
University of Oradea, Faculty of Electrical Engineering and Informatics
- Field studied Education
- Title of qualification awarded Electronics
- Period (from - until) Specialization: Applied Electronics
- Name and type of organization providing education / training Engineer (Bachelor's degree)
- Field studied **1991 – 1994**
University of Oradea, Technical College
- Title of qualification awarded Education
- Period (from - until) Electronics
- Name and type of organization providing education / training Specialization: General Electronics
- Field studied Sub-Engineer (Bachelor's degree)
- Title of qualification awarded **1984 – 1988**
Industrial High School "Avram Iancu" Brad, Hunedoara District
- Field studied Education
- Title of qualification awarded Mechanics, Machinery
- Title of qualification awarded Baccalaureate Diploma

- Theoretical Electrical Engineering (electromagnetic field and electric circuits);
- Numerical modelling and simulations in electrical engineering;
- Inductive heating;
- Microwave technics;
- Microwave technologies;
- Microwave heating. Microwave electro-thermal installations;
- Superconductors and superconductive systems;
- Renewable energies (wind, solar, geothermal).

PERSONAL SKILLS

NATIVE LANGUAGE

Romanian

FOREIGN LANGUAGES

	French	English	Russian
- Reading	Satisfactorily	Good	Good
- Writing	Satisfactorily	Good	Good
- Speaking	Satisfactorily	Good	Good

SOCIAL SKILLS

Team spirit, adaptability enhanced capacity, capacity to make decisions under stress, ability to organize written and oral discourse, capacity for analysis and synthesis, capacity to assimilate new information and skills, spirit of leadership, willingness to engage in social activities, empathy, these skills were acquired and improved during work experience

ORGANIZATIONAL SKILLS AND COMPETENCES

Leadership ability, capacity of synthesis and analysis, decision-making capacity, ability to analyse tasks and breaking into responsibilities, capacity assessment professional skills of staff, analytical spirit, teamwork, management of working teams and design, spirit of evaluation and improvement, monitoring of teamwork, organization and coordination of research - development activities , organizational skills, punctuality and ability to make decisions under pressure and to meet deadlines, member of various professional associations national and abroad, experience of project management as project director at 3 projects and team member in over 20 projects, these skills were acquired and improved during work experience;

TECHNICAL SKILLS

Organizing and coordinating research & development activities, organization of professional competence assessment;

DRIVEING LICENSE

B Class

COMPUTER SKILLS

- Windows, Linux;
- MS Office (Word, Excel, PowerPoint, Access);
- Ansoft – HFSS, Matlab, PSpice, other software programs specific to electrical engineering, simulation programs for photovoltaics;

TRAINING STAGES	<ul style="list-style-type: none"> - Programming and Simulation Software. <p>University School of initial and continuing training of teachers and trainers in the field of technical and engineering specializations; – DidaTec</p>
PUBLICATIONS	<ul style="list-style-type: none"> - 7 specialty books published in recognized publishing houses; - 94 scientific articles published in journals or presented at national and international conferences (48 papers are indexed in ISI or international databases).
PUBLISHED BOOKS	<ul style="list-style-type: none"> - 7 specialty books published in recognized publishing houses / 4 in electronic format; - Superconductors and superconducting systems. The phenomenon of superconductivity and perfect diamagnetism, Francisc Ioan Hathazi, Vasile Darie Şoproni, Mircea Nicolae Arion, Carmen Otilia Molnar, <i>Publishing houses</i> Ed. Universităţii din Oradea, ISBN 978 – 606 – 10 – 1854 – 3, 2016, 2016, pp.107; - Elements of the theory of electrical circuits. Course notes, Francisc Ioan Hathazi, Mircea Nicolae Arion, Vasile Darie Şoproni, Carmen Otilia Molnar, <i>Publishing houses</i> Ed. Universităţii din Oradea, ISBN 978 – 606 – 10 – 1855 – 0, 2016, pp.149; - Electrical Insulations on epoxy resin base reticulated in microwave field – Francisc Ioan Hathazi – Publishing houses AGIR, ISBN – 978-973-720-126-3, 2007, 204 pg.; - Computers Using – Francisc Ioan Hathazi – Publishing houses Ed. Universităţii din Oradea, 2006, ISBN 973-759-089-9, 978-973-759-089-3. 252 pg.; - Electrical Instalations – Francisc Ioan Hathazi, Teodor Maghiar, Darie Şoproni, Monica Poinar – Publishing houses Ed. Universităţii din Oradea, 2005, 366 pg., ISBN – 973-613-811-9; - Francisc Ioan Hathazi, <i>Superconductors and superconducting systems</i>, http://www.didatec.ro/AllCourses.aspx, electronic support - Francisc Ioan Hathazi, <i>Electromagnetic Field Theory</i>, electronic support.
PATENTS	<ol style="list-style-type: none"> 1. Procedure for the recovery of aluminum by the use of microwave energy for the melt of waste metal cans Request No.: a 2014 00301; Deposit date: 15 / 04 / 2014; Publishing date of the request: 30.10.2015; BOPI No.: 10 / 2015.
RESEARCH GRANTS WON AT NATIONAL AND INTERNATIONAL COMPETITIONS (most representative)	<ol style="list-style-type: none"> 1. POCU Grant no. 123008 / 2019 – SmartDoct – high quality programs for post-doctoral students and post-doctoral researchers at the University of Oradea to increase the relevance of research and innovation in the context of the regional economy – MEMBER IN THE REALIZATION TEAM; 2. ROSE Grant no. 72/SGU/NC/I / 13.12.2017 – Laboratory of education and entrepreneurship training – MEMBER IN THE REALIZATION TEAM; 3. POS CCE program Grant: No 664 / 14.08.2014, - Increased research capacity - development of the interdisciplinary laboratories in electrical engineering technology” CCDELITE – PROJECT MANAGER; 4. Grant No. 19.970 / 27.08.2014 – New polymers impregnated molecular (MIPS), developed for the sensitive and rapid analysis of the antibiotic from the nitrofurans class – MEMBER IN THE REALIZATION TEAM; 5. PN II Grant No. 51-082 / 2007 - Microwave technology used for the improvement of the agricultural seeds stored – MEMBER IN THE REALIZATION TEAM; 6. PN II Grant No.21 – 073 / 2007 – Evaluation of geothermal resources and the potential for sustainable use of geothermal energy in Romania – MEMBER IN THE REALIZATION TEAM; 7. PN II Grant No.32-137 / 2008 - Innovative technology for obtaining biodegradable organic product with dual action anti-scaling and corrosion in water treatment energy system – MEMBER IN THE REALIZATION TEAM; 8. PN II Grant No.72-154 / 2008 Advanced nanocomposites electrodeposited and shaping their structuring mechanisms – MEMBER IN THE REALIZATION TEAM; 9. CEEX Grant No. 6523 / 2006 – Greening of housing area of the Danube Delta biosphere reserve by promoting new technologies for adaptation and sustainable restoration of environmental factors – MEMBER IN THE REALIZATION TEAM;

**ISI PAPERS OR INDEXED IN
INTERNATIONAL DATABASES**

(most representative)

10. CEEEX Grant No. 6530 / 2006 – Romanian research integration into the European Research Area in order to ensure sustainable development of the protected areas for international interest – **MEMBER IN THE REALIZATION TEAM;**
 11. Orizont 2000 - Grant No.:1926/09.11.1998 addendum nr.329/III /2000 - The study of the kinetics of drying mechanisms in the microwave field of the materials. – **PROJECT MANAGER;**
 12. Orizont 2000, Grant No.:1926/09.11.1998 Microwave Technologies for the polymerization of the epoxy resin used for obtaining composite materials – **PROJECT MANAGER;**
 13. Orizont 2000 – Research contract No.: 220 / 1996 – Studies, surveys and implementation solutions of equipment and systems for the use with maximum efficiency of thermal energy – **MEMBER IN THE REALIZATION TEAM;**
 14. Orizont 2000 – Research contract No.: 493 / 1996 – Addendum No. 840 / 1997 – The theoretical and applied research for the realization of devices with optoelectronic sensors for space uses – **MEMBER IN THE REALIZATION TEAM;**
 15. Orizont 2000 – Research contract No.: 220 / 1996 – Studies regarding the proper equipments operation with re-injection of the geothermal resource Oradea – **MEMBER IN THE REALIZATION TEAM;**
 16. Orizont 2000 – Research contract No.: 220 / 1996 – New techniques and technologies for executions of pressurized Crankcase of the engines, compressors and pumps in Welded construction – **MEMBER IN THE REALIZATION TEAM;**
 17. Orizont 2000 – Research contract No.: 220 / 1996 – Contributions to optimization of the mechanical transmission of a air-electric power plant, consist of a wind turbine generator and a multiplier group of generator – **MEMBER IN THE REALIZATION TEAM;**
 18. Orizont 2000 – Research contract No.: 493 / 1196 – Addendum No. 840 / 1997 – Theoretical and clinical studies about the osteoporosis phenomena which may occur to astronauts in weightlessness conditions – **MEMBER IN THE REALIZATION TEAM;**
 19. Orizont 2000 – Research contract No.: 493 / 1996 – Studies about the planetary speed-reducers with rollers (cycloid) – **MEMBER IN THE REALIZATION TEAM;**
 20. Orizont 2000 – Research contract No.: 493 / 1996 – Microwave Generator for industrial applications – **MEMBER IN THE REALIZATION TEAM;**
 21. Orizont 2000 – Research contract No.: 354B / 1995 – Researches regarding the microwave devices for space applications – **MEMBER IN THE REALIZATION TEAM;**
 22. Research contract No.: 106 / 1992 – Researches to achieving microwave generators and the equipments required to use these generators with 5kW power unit.– **MEMBER IN THE REALIZATION TEAM.**
1. **Francisc Ioan Hathazi**, Vasile Darie Şoproni, Mircea Nicolae Arion, Carmen Otilia Molnar, Simina Vicaş (Coman), Olimpia Smaranda Mintas, The Use of Microwave Drying Process to the Granular Materials, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No.11, 2019, pp.23-29, ISSN: 2156-5570 (Online), ISSN: 2158-107X (Print), (DOI): 10.14569/IJACSA.2019.0101104, **WOS: 000504404900004**
https://apps.webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D69IJ8Ytxnlv3YVWfB3&page=1&doc=1
 2. Mihaela Covaciu, **Francisc-Ioan Hathazi**, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Ovidiu Popovici - Determining the Potential for Recovery, Reuse and Recycling of Construction and Demolition Waste Assisted by High Frequency Electromagnetic Field, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5, Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500024**
http://apps.webofknowledge.com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C2a2OcmhL3OgI9JIE94&page=1&doc=3&cacheurlFromRightClick=no
 3. Mircea-Petru Ursu, Ovidiu – Constantin Novac, Mihai Oproescu, Gvöngvi Buidosó, **Francisc Ioan Hathazi** – Comparative Study of the Analog and Digital Operation for Miniature Railway Systems, 13-14 June 2019, 15th

International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500035**

http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C2a2OcmhL3Og9JIE94&page=1&doc=5&cacheurlFromRightClick=no

4. Vasile Darie Soproni, Carmen Otilia Molnar, **Francisc Ioan Hathazi**, Mircea Nicolae Arion, Marius Codrean, Liviu Moldovan – Experimental Research on Microwave Field and Hot Air Drying of Barley Seeds, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5, Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500029**

http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C2a2OcmhL3Og9JIE94&page=1&doc=4&cacheurlFromRightClick=no

5. Laurentiu Copil, **Francisc-Ioan Hathazi**, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Covaciu Mihaela - About the Use of High Frequency Ceramic Susceptors for Industrial Applications, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500050**

http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C2a2OcmhL3Og9JIE94&page=1&doc=6&cacheurlFromRightClick=no

6. Laurentiu Copil, **Francisc-Ioan Hathazi**, Mircea-Nicolae Arion, Vasile-Darie Soproni, Carmen Otilia Molnar, Mircea-Danut Pantea - Production of Silicon Carbide in a High Frequency Electromagnetic Field. Measuring Thermal Conductivity, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5, Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500022**

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7. Mihaela Covaciu, Vasile-Darie Soproni, **Francisc-Ioan Hathazi**, Carmen Otilia Molnar, Mircea-Nicolae Arion, Marius Codrean - Decontamination, Drying and Sterilization Assisted by the High Frequency Electromagnetic Field for the Processing of Construction Waste Used on Driveways, 13-14 June 2019, 15th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, ISBN: 978-1-7281-0774-5 , Electronic ISBN: 978-1-7281-0773-8, DOI: 10.1109/EMES.2019.8795175, **WOS: 000503434500023**

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8. Mircea – Nicolae Arion, **Francisc – Ioan Hathazi**, Cornelia Gordan - Aspects regarding the extraction of menthol essential oils in high frequency electromagnetic field, 2018 Revue Romaine des sciences technique, series Electrotechnique et Energetique, Pages: 271-276, Published: 2018, Publisher: Romanian Academy, Publishing House of the Romanian Academy, DEC. 12, 2018, Bucuresti, ROMANIA, ISSN: 0035-4066, Document Type: JOURNAL Paper, **WOS: 000454752800006**

http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=53&SID=F4e34nwxYkyGZoG9Bw&page=1&doc=39

9. **Francisc – Ioan Hathazi**, Mircea – Nicolae Arion, Darie Soproni Vasile, Otilia Molnar Carmen, Ovidiu, Popovici - Study on the Extraction in Microwave Field of the Essential Oils from Chilli, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 63-66, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, **WOS:000427085200015**

http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lXph20xGMxg&search_mode=GeneralSearch&prID=46a56396-38d9-43a4-aa24-0fb350ae24c0

10. **Francisc – Ioan Hathazi**, Mircea – Nicolae Arion, Darie Soproni Vasile, Otilia Molnar Carmen, Danut Pantea Mircea – The Extraction of Volatile Oils from

- Parsley Leaves in Microwave Field, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 67-70, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, **WOS:000427085200016**
http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lXph2OxGMxg&search_mode=GeneralSearch&prID=e8b9e8b1-9aed-405f-89e9-347338e827a9
11. Mircea – Nicolae Arion, **Francisc – Ioan Hathazi**, Otilia Molnar Carmen, Darie Soproni Vasile, Marius Codrean – About the extraction in microwave field of the essential oils and beta-carotene from carrots, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 75-78, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, **WOS:000427085200018**
http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lXph2OxGMxg&search_mode=GeneralSearch&prID=bbf28204-019c-495a-a395-f17d77d1eb82
12. Mircea – Nicolae Arion, **Francisc – Ioan Hathazi**, Otilia Molnar Carmen, Darie Soproni Vasile, Mihaela Novac – Study on microwave field extraction of the celery essential oils, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 71-74, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, **WOS:000427085200017**
http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lXph2OxGMxg&search_mode=GeneralSearch&prID=71677a47-683c-4a41-b640-82d4d8e362ed
13. Tont Gabriela, Gordan Ioan Mircea; Spoiala Viiorica, Barabas Tiberiu, **Hathazi Francisc Ioan**, Tont Dan George, Munteanu Radu Jr. - An explicit hierarchical dynamic reliability approach for heterogeneous systems, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 188-191, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, Document Type: Proceedings Paper, **WOS:000427085200044**
http://apps.webofknowledge.com.am.e-nformation.ro/Search.do?product=WOS&SID=E1CiP0r3lXph2OxGMxg&search_mode=GeneralSearch&prID=5b3fa352-6088-45df-a7bd-f2236e266c29
14. **F.I.Hathazi**, M.N.Arion, Daniela Iordache, - Microwave reticulation of epoxy resin used for single layer electric insulations, Journal of Microwave Power and Electromagnetic Energy, 49 (30, 2015, pp. 171 – 181, a Publication International Microwave Power Institute (IMPI), JMPEE, Volume 49, Issues 3, ISSN 0823-7823, Document Type: JOURNAL Paper, **WOS:000367651500005**
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15. Popovici O.D., Tataru M.B., **Hathazi F.I.**, Popovici D.M., The behaviour of the direct methanol fuel cell under low frequency acoustic vibrations, Engineering of modern electric systems (EMES), 2015 13th International Conference, 11 - 12 Jun 2015, ISBN 978-1-4799-7649-2, INSPEC accession number 15305016, Publisher IEEE, Document Type: Proceedings Paper, **WOS:000363815100030**
http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=7&SID=Y15Xetfdy5MwK5VpVgh&page=1&doc=1&cacheurlFromRightClick=no
16. **F. I. Hathazi**, V. D. Soproni, M. N. Arion, C. O. Molnar, About the Use of the High Frequency Electromagnetic Field in Order to Improve the Quality of the Agricultural Seeds, indexat IEEE Xplore (Cat. No.: CFP1493Y-ART ISBN: 978-1-4799-6821-3), International Symposium on Fundamentals of Electrical Engineering 2014, University POLITEHNICA of Bucharest, Romania, November, 2014, Document Type: Proceedings Paper, **WOS:000380570500059**
http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=9&SID=Y15Xetfdy5MwK5VpVgh&page=1&doc=1&cacheurlFromRightClick=no
17. Czumbil L., Dan D. Micu & **Hathazi F.I.**, Operating mode prediction of a microwave heating system using artificial intelligence techniques, 8th International Symposium on Advanced Topics in Electrical Engineering, (ATEE), ISBN: 978-1-4673-5979-5, Bucharest, Romania, May 23-25, 2013, Document Type: Proceedings Paper, **WOS:000332928500109**

- http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=12&SID=Y15Xetfdy5MwK5VpVgh&page=1&doc=1&cacheurlFromRightClick=no
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- The most important scientific results achieved were in the field of high-frequency range heating, the induction field heating, in the domain of unconventional energy sources (solar, wind, geothermal). Part of the research results were reported in the works developed and presented various national and international conferences;
- I was a member in more than 20 research contracts accumulating experience, and after I become project manager in three research contracts, so as I am now involved in several projects competes;
- I developed and published three books and two electronically, three laboratory guides all with ISBN. Now I working towards for the finalization of another 2 books / courses.