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Studii superioare	1965 – 1970, Institutul Politehnic București, Facultatea de Electrotehnică
Doctorat	Titlul tezei: Îmbunătățirea performanțelor sistemelor de pompare electromagnetice a metalelor topite Titlul: Doctor inginer, Institutul Politehnic din București, 1980
Experiența didactică	1970 – 2019 Institutul Politehnic București – Facultatea de Electrotehnică / Universitatea POLITEHNICA din București, Facultatea de Inginerie Electrică Profesor titular 1992 - 2014 Conducător doctorat din 1994 Discipline predate in anul universitar 2012 - 2013 Modele în Element Finit ale Mașinilor Electrice Modele Numerice în Simularea Sistemelor Electrice Senzori și Traductoare – Modele Numerice Procesarea Electromagnetică a Materialelor

Experiența de cercetare

Pentru perioadele 1995 – 2008 și 2014 - 2022 a se consulta pagina web http://www.epm_nm.ee.pub.ro

Lucrări publicate în perioada 2009-2013

[1] V. Fireteanu, P. Taras, M. Popa and S. Pasca: Transient Magnetic – Transient Thermal Finite Element Multiphysic Model of Forming Coil and Workpiece Heating in Magneto-forming Processes, Proc. of EPM2009 Congress, Dresden, Germany

[2] P. Taras and V. Fireteanu: Computer-Aided Analysis of High Speed Scanning Induction Systems for Rail Heating before Hardening, Proc. of EPM2009 Congress, Dresden, Germany

[3] V. Fireteanu, M. Popa and P. Taras: Magneto-harmonic – Transient thermal – Translating motion Finite Element Analysis of Scanning Induction Heating of Sheets in Transversal Flux, Proc. of ISEF2009 Conference, Arras, France

[4] F. Gheorghe and V. Fireteanu : Finite Element Analysis of an Electromagnetic Linear Displacement Transducer, Proc. of ISEF2009 Conference, Arras, France

[5] O. Nebi, V. Fireteanu: Finite element analysis of an eddy current heater for wind or water kinetic energy conversion into heat, ICREPQ-2010, Granada, Spain

[6] J. Etay, V. Fireteanu, Y. Fautrelle, C. Roman: Electromagnetic Pumping of Molten Salts, OPTIM-2010 Conference, Brasov, Romania

[7] P. Taras, V. Fireteanu: Inductors for high speed continuous induction heating of rails, HES-2010 Conference, Padua, Italy

[8] V. Fireteanu, P. Taras: Teaching Dynamics, Transients and Steady States of Salient Poles Synchronous Motor through Finite Element Models, ICEM-2010 Conference, Roma, Italy

[9] S. Pasca, V. Fireteanu: FE Analysis of Successive Induction Heating and Magnetoforming of Thin Magnetic Steel Sheets, IGTE-2010 Symposium, Graz, Austria

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[12] C. Roman, V. Fireteanu, J. Etay, Y. Fautrelle: An overview on solar energy and associated molten salts electromagnetic pumping technologies, EEEIC-2011 Conference, Rome, Italy

[13] A. Ceban, V. Fireteanu, R. Romary, R. Pusca, P. Taras: Finite Element Diagnosis of Induction Motor Rotor Faults based on the Low Frequency Harmonics of the Near-Magnetic Field, SDEMPED-2011 Conference, Bologna, Italy

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3) C. Roman, V. Fireteanu, J. Etay, Y. Fautrelle : An overview on solar energy and associated molten salts electromagnetic pumping technologies, Proceedings of International Conference on Environment and Electrical Engineering, EEEIC 2011, Rome, Italy.

4) C. Roman, J. Etay, Y. Fautrelle, V. Fireteanu : Study on electromagnetic

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[21] V. Fireteanu, P. Taras: Finite Element Models of the Transient Heating of Squirrel-Cage Rotor During Induction Motors Startup, Proc. of SPEEDAM2012 Conference, 20-22 June, Sorrento, Italy

[22] V. Fireteanu, P. Taras: Influence of the Magnetic Steel Encasing of Induction Motors on the Efficiency of the Rotor Faults Diagnosis based on the Harmonics of the Coil Sensors Output Voltage, Proc. of ICEM2012 Conference, 2-5 September, Marseille, France

[23] C. Roman, V. Fireteanu, S. Vitry, F. Rey: Transient Magnetic – Translating Motion Finite Element Model of the Annular Linear Induction Pump, Proc. of ICATE2012 Conference, 25-27 October, Craiova, Romania

[24] V. Fireteanu, M. Popa, S. Pasca, P. Taras: Transversal flux scanning induction heating of magnetic nonlinear steel sheets with temperature dependent properties, Proc. of EPM 2012 Conference, 22-26 October, Beijing, China

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