

# Resume



First name: MIRCEA  
Family name: EREMIA

## I. General information

1. *Date and place of birth:* 04.10.1940, Tîrgoviște, Romania.
2. *Marital status:* married with Maria Eremia, 3 children
3. *Address:* University “Politehnica” of Bucharest  
Power Engineering Faculty, Department of Electrical Power Systems  
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4. *Education:*
  - *Engineer*, Power Engineering Faculty, Specialization Electrical Engineering (1968)
  - *PhD* in Electric Power Systems (1977)
  - *ONU research scholarship* at Division of Studies and Researches – Clamart, Electricité de France (1972 / 1973)
  - International Course “Artificial Intelligence Techniques Applications in Power Systems” by University Enterprise Training Partnership, EPFL, Lausanne (1994)
5. *Teaching positions:*
  - Emeritus Professor at the Department of Electrical Power Systems; Courses: HVDC Transmission; Advanced Techniques in Power Systems: FACTS and AI.
  - Invited Professor at Faculté Polytechnique de Mons (1991, 1994), Ecole Fédérale Polytechnique de Lausanne (1994, 1995), NTU Athens (2001) and Institut National Polytechnique de Grenoble (2005), Otto Von Guericke University Magdeburg (2010)
  - Teaching Mobilities in the framework of the ERASMUS Program of the European Community: Faculté Polytechnique de Mons, Université de Liège, NTU Athens, Chalmers University of Goteborg, INP Grenoble, Brunel University of London, Politecnico di Torino, Politecnico di Milano.
6. *Other positions:*
  - Institutional Coordinator of ERASMUS Office of University “Politehnica” of Bucharest (since 1999)
  - Chair of Electrical Power Systems Department – University “Politehnica” of Bucharest (2004-2008)
  - Chair of IEEE PES Romania Chapter, Romania (since 2001)
  - Chair of IEEE Romania Section (since 2010-2013); Vice-Chair of IEEE Romania Section (since 2010-2013), Treasurer of IEEE Romania Section (2006-2010)
  - Chapter Representative of IEEE Region 8 – Central and Southern Europe (2005 – 2010)
  - Expert evaluator for Projects founded by Ministry of Education and Research: ANSTI, RELANSIN Programme, Excellence Research Center
  - Reviewer in the framework of the Italian Evaluation of Research Quality exercise (VQR 2004-2010)
  - Member of the National Commission for Evaluation of Research in Universities, of the National Council for Scientific Research in Higher Education

## II. Awards and recognition

- *AGIR Award* 2013 for the book “Handbook of Electrical Power System Dynamics: Modeling, Stability, and Control”, published by IEEE Press and Wiley (2013)
- *Opera Omnia* award presented by University “Politehnica” of Bucharest (2011).
- *Doctor Honoris Causa* of the Technical University “Gh. Asachi” of Iasi, Romania (2009)
- Corresponding Member of the Academy of Technical Sciences of Romania (since 2006)
- IEEE Outstanding Small Chapter Award 2005 – winner (Chair)
- Distinguished Member of CIGRE (since 2004)
- IEEE Outstanding Small Chapter Award 2004 – runner up (Chair)
- *Constantin Budeanu Award* of the Romanian Academy, 2002 for the work "*Réseaux électriques. Aspects actuels*", Technical Publisher, Bucharest, 2000, with the authors Mircea Eremia, Jacques Trepat (Faculte Polytechnique de Mons, Belgium), Alain Germond (Ecole Federale Polytechnique de Lausanne, Switzerland)
- Senior Member of IEEE (since 2000)
- Honorary Member of Romanian Committee of the World Energy Council (2008)

## III. Scientific and administrative activities

*PhD supervisor*: 30 Doctors, 10 PhD Students in guidance

*Member in PhD examination committee*: in Romania (over 40), abroad (Chalmers University – 1, Institute National Polytechnique de Grenoble – 4, Universite de Liege – 1)

*Director of Doctoral School in Power Systems* (since 2001-2011)

*Reviewer*: IEEE – Trans. on Power Systems, IET – Generation, Transmission & Distribution, “Energetica” (in Romanian).

*Coordinator of International Courses*

- “Advanced Technologies in Power Systems: FACTS and AI”, 2002 and 2003
- Summer School “Virtual Balkan Power Centre – Renewable Energy Systems” (2005),
- IRIDE Summer School: “Sustainable development of the future power systems”, 2007

*Organizer of CIGRE Workshop* on “Expert Systems Application in Power Systems”, Neptun, Romania, June 1994

*Co-organizer of International Symposium* “Artificial Intelligence in Power Systems” (Galați, Romania, 1998, 2004, 2006, 2008, 2012)

*Chair of the 2009 IEEE Bucharest PowerTech Conference*, 28 June – 2 July, Bucharest, Romania

*Member in Technical Committees of International Conferences*: Regional Forum of Energy – FOREN (Romania); Mediterranean Conference and Exhibition on Power Generation Transmission and Distribution – MedPower; International Conference on Energy - Environment – CIEM (Romania); Balkan Power Conference.

*Member in the Steering Committee of Conferences*: IEEE PowerTech

*Member in the Mirror Group and Working Group WG2* “Network Operations”, within “Technological Platform for the Electricity Networks of the Future – SmartGrids”, of the 7<sup>th</sup> Frame Project (since 2005).

*Member of the International Board of Technology of the EMCO India Company*

## IV. Publications and works

- 1 patent
- 12 books
- over 100 articles in journals and conferences
- 10 international grants
- 70 national grants and contracts with industry