

## PERSONAL INFORMATION

## Mihai Gavrilaş



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PhD Coordinator in Power Engineering since 2009, 4 PhD theses defended by their authors and more than 5 theses under consideration.

## WORK EXPERIENCE

- 2016 - present **Head of Power Engineering Department**  
 POWER Engineering Department at „Gheorghe Asachi” Technical University of Iasi, 51 D. Mangeron Blvd., Iasi, 700050, Romania ([www.tuiasi.ro](http://www.tuiasi.ro))
- 1987 – present **Professor (since 1999), Associate Professor (1995-1999), Assistant Professor (1991-1995) and Assistant (1987-1991) with „Gheorghe Asachi” Technical University of Iasi, 51 D. Mangeron Blvd., Iasi, 700050, Romania ([www.tuiasi.ro](http://www.tuiasi.ro))**
- Higher education and research in power engineering; reading courses such as: „Power Systems”, „Power Transmission and Distribution”, „Systems with Artificial Intelligence”, „Power System Control and Stability”, „Electricity Markets: Management and Regulation”, „Numerical Methods in Power Systems”, „Computer Programming”
- Business or sector** Higher education and research
- 1985 - 1987 **Design engineer**, Institute for Studies and Power Engineering (last name Termoproiect), 145 Pacurari Str., Floor 1, Iasi, 700107, Romania
- Design for electric networks, power substations and power plants.
- Business or sector** Energy
- 1984 - 1985 **Field engineer**, Trustul de Antrepriza Generală Energomontaj Bucureşti, Brigada PIF Iaşi-Holboca, Calea Dorobantilor nr. 103-105, Bucharest, 010561, Romania
- Power plants and power substations construction.
- Business or sector** Energy

## EDUCATION AND TRAINING

**Postgraduate diploma in Energy Audits**, „Gheorghe Asachi” Technical University of Iasi, Energy management systems for industrial customers and electric utilities (2006).

**Specialization in "Electricity Markets"**, Kingston University, United Kingdom, Electricity trading, energy planning, energy markets (Oct.-Dec. 2001).

**Specialization in "Artificial Intelligence"**, University of Orleans, France, Artificial Intelligence techniques – Artificial Neural Networks (Nov. 1994-Feb. 1995).

**Doctor of Philosophy in Electrical engineering**, „Gheorghe Asachi” Technical University of Iasi, PhD thesis: Electric transmission lines with higher transmission capacity – structural and operational optimization (1989-1994).

**Master in Electrical engineering**, „Gheorghe Asachi” Technical University of Iasi, Faculty of Electrical Engineering, Power Systems Engineering (1979-1984).

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**PERSONAL SKILLS****Communication skills**

Good competences in teamwork gained through my experience related to leading or participating in national and international research teams.

Good abilities to adapt to multicultural environments gained through my educational and work experience abroad (France, United Kingdom, Italy, and Spain).

Good communication skills gained through my experience as an educator.

**Organisational / managerial skills**

- Leadership, good experience in project management - director in more than 20 grants and complex research projects with power industry partners)
- good experience in organizing activities in quality assurance in higher education; ARACIS expert - over 10 missions for the evaluation of different study programs (2006-2008) and an institutional assessment mission (2007).
- Member of the General Council of CNATDCU, member since 2012 and President of the Power Engineering Committee since 2016.
- member of the Engineering Sciences Committee – CNCSIS (2005-2009).
- Executive Director of the research centre IDENERG - Energy Distribution Engineering, recognized by CNCSIS (2001 - 2009)
- member of the National Register of Expert Evaluators for evaluation and financing of scientific and educational programs.

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**ADDITIONAL INFORMATION****Publications**

- 13 books and book chapters in recognized publishing houses and university courses, of which 10 as first or single author.
- 44 papers published in ISI journals and other journals indexed by international databases, of which 18 as first author.
- 59 papers indexed in ISI Proceedings and other international databases, of which 25 as first author.
- 44 papers in journals recognized by CNCSIS, of which 20 as first author.
- 55 papers in proceedings of national and international scientific meetings, of which 31 as first author.
- 5 national grants and 38 research contracts with research institutes, companies, and operators, of which 23 as director.

**Honours and awards**

- IEEE Senior Member since 2013

**Memberships**

- Member of Power and Energy Society, Institute of Electrical and Electronics Engineers
- Member of Computational Intelligence Society, Institute of Electrical and Electronics Engineers
- Member of Systems, Man and Cybernetics Society, Institute of Electrical and Electronics Engineers