

Prof. Momir Djurovic D.Sc. Ph.D. M.Sc. DIC, dipl.ing.

Born: 7 May 1941
Danilovgrad
Montenegro

Marital status:

- married
- wife: dipl. Ing in physic- chemistry - working in ecology
- kids: daughter Ph. D. in Electrical engineering (Mediterranean university informatics)
- son: Ph.D. student of Electrical engineering (University of Manchester)
- daughter - graduated Law

Professional diplomas:

- Grammar school; Classical in Sarajevo, Bosnia and Herzegovina 1959
- Dipl. Ing. Faculty of Electrical Engineering in Belgrade University of Belgrade 1964
- M.Sc. Imperial College of Science and Technology, London,UK 1970
- DIC Imperial College of Science and Technology, London, UK 1970
- Ph.D. University of London (I.C.) 1973
- D.Sc. University of Zagreb 1979
- Doctor honoris cause, University of applied sciences, Republic Moldova 2006

Professional career:

- Engineer in R & D of electrical power systems (Elektroprivreda Crne Gore - Company for power utility of Republic Montenegro) 1965-1969
- Assistant lecturer at the Faculty of Electrical Engineering, University of Montenegro 1972-1974
- Docent Professor at the Faculty of Electrical Engineering, University of Montenegro 1974-1979
- Associated Professor at the Faculty of Electrical Engineering, University of Montenegro 1979-1983
- Full time Professor at the Faculty of Electrical Engineering, University of Montenegro 1983-
- Visiting professor/researcher (RPI,USA) 1981/2
- Researcher at Hurvey Mudd College, USA 1982
- Visiting lecturer UCLA, USA 1984
- Head of Department for electrical engineering at Technical Faculty in Podgorica, University of Belgrade, later University of Montenegro 1973-1978
- Dean (the first) of the Faculty of Electrical Engineering in Podgorica, University of Montenegro 1978-1980
- General secretary of Montenegrin Academy of Sciences and Arts 2001-2002
- President of Montenegrin Academy of Sciences and Arts 2002-2006, 2006-2010, 2010 -
- Consultant to many companies
- President of SMEITJ (Association of Electrical and mechanical engineers Yugoslavia) 1979-1990
- President of SMETISCG (Association of Electrical and Mechanical engineers of Serbia and Montenegro) 1990-2004
- President of Interacademy Council of SEE national academies 2004-2006
- Dean of department VI (natural & technical sciences, environment) at European Academy of Sciences and Arts, Salzburg, 2009-

Membership in professional societies:

- Fellow of Association of Electrical and Mechanical Engineer of Yugoslavia (SMEITJ)
- Member of The Tesla memorial society, Lackawanna, USA
- WREN (world renewable energy network)
- WSS (world solar summit)
- Member of IEE, London
- Member of AMSE, USA
- **Founder and Full Member of Academy of engineering of Serbia and Montenegro (Vice president 1999-2006)**
- **Full member of Yugoslav Academy of Engineering (vice president)**
- **Full and honorable member of Engineering Academy of Montenegro**

- Full Member of Montenegrin Academy of Sciences and Arts (elected in 1993, President since 2002-)
- Member of European Academy of Sciences and Arts -Salzburg (European generation, Active member)
- Member of World Academy of Arts and Sciences (USA)
- Honorable member of Albanian Academy of Sciences
- Foreign member of Academy of Science of Moldova
- Golden laureate of International Academy of Engineering - Moscow (silver and gold (awarded 17 in the world) medals)
- Foreign member of Academy of Sciences and Arts of Bosnia and Herzegovina
- Correspondent member of REAL ACADEMIA DE DOCTORS (Catalonia)
- Full Member of International Academy of Electrotechnical Sciences, Moscow
- Mogul member of Romanian Academy
- Honorable foreign member of Romanian Academy
- Associated member of Club of Rome
- Doctor honoris cause of Moldova Academy of Sciences (University of applied sciences)
- Member of many professional institutions in Montenegro, former Serbia and Montenegro and former Yugoslavia

Professional awards:

- SMEITJ recognized member
- SITJ recognized member
- University of Montenegro
- Full Color, Imperial College, London
- City of Podgorica for science
- IEE Faraday lecture 1976
- Diploma for outstanding contribution to ENGINEERING- AFES Hong Kong 2005
- Silver medal of International Engineering Academy - Moscow 2000
- Gold medal of International Academy of Engineering -Paris 2004

Visiting professional institution:

- Visiting research fellow:
 - RPI 1981/82. USA
 - Harvey Mudd College 1982. USA
 - UCLA 1984
 - Cambridge University 1989
 - Imperial College many times
 - Polytechnic di Turin 2003/2004
 - Technical University of Kosice
 - University of L' Aquila 2005/2006

- Short visits to many universities:

(University of Bari, Italy; University of Alberta, Canada; Cambridge University, Oxford University; University of Southampton; University of Bristol; UMIST; Canfield institute of technology; University of Birmingham; City University, London; University of London - all in GB, Harvey Mudd College; RPI; UCLA; SUNI Albany; SUNI Buffalo; Duke university, Harvard university, School of mines Denver, all in USA, University of Poznan; University of Warsaw; University of Rio de Janeiro, University of Bucharest, MGU- Moscow, University of Harare; Karl technical University, Paha; University of Fairness, University of Bari, Polytechnic di Turin, University De L Aquila, Technical university of Kosice, University of Tirana, all universities in former Yugoslavia).

- Many research institutions: GE, Westinghouse, CEG, EDF, Ferranti, National laboratory for Engineering (UK), NREL, Elektrosila.
- Many national academies of sciences

Fellowship:

- The British Council 1969/70.
- The Fulbrayt fellowship 1981/82.
- Many short duration fellowships

Teaching: (undergraduate and postgraduate courses)

- Electrical machines

- Real time control
- Electromagnetic fields
- Renewable energy

Research:

- Electromagnetic fields in transformers and rotating electrical machines (numerical analysis and models)
- Numerical methods in electromagnetic fields
- Induction machines (generators, motors : control, new types, monitoring, fault detection);
- Alternative energy (windmills - special induction generators, sun tracking and control)
- Application of microprocessors in control and protection of electrical machines
- General energy problems
- Have participated and coordinated many international projects
- Have been supervisor to many Ph.D. and M.Sc. students
- External examiner for Ph.D. and M.Sc.
- External reviewer for election of full time professors and academicians (Former Yugoslavia, USA, UK)
- Published more than 220 professional papers (The first published 3-D solution of eddy currents in laminated cores)
- Published 12 professional books (textbooks and monographs in electrical machines and renewable energy)
- Author of 15 professional books (textbooks and monographies), contribution in four books
- Delivered many invited lectures to universities, academies of sciences, and key note lectures to international conferences (more than 30)
- Editor in chief of **Elektrotehnika** (professional journal 1980-2006) Belgrade, founder and editor in chief of **ETF journal of electrical engineering**, Podgorica
- Reviewer to many professional journals
- Have organized many international conferences

Consulting:

- Feranti - Manchester, UK
- Westinghouse, Pittsburgh, USA
- Crompton Grievs LTD, India
- Rade Koncar, Zagreb, Croatia
- GEC Alsthon, France
- Ministry of energy, Republic of China
- Ministry of industry and Ministry of agriculture, Republic Moldova
- Ministry of economy, Republic Montenegro
- Many companies in Former Yugoslavia, and Serbia and Montenegro
- ICSU Asia and Pacific region

Other activities:

- UNESCO (have been delegate on four General conferences in the program: general knowledge and information)
- WREN (World renewable energy network- member)
- WSS (World solar summit- participant)
- FISU (Federation of student sport unions - was member of executive committee)
- Member of many institutions at University of Montenegro (Senate, Research council...)
- Member of many professional institutions in former Yugoslavia
- Member of many steering committees of national and international professional conferences
- President (2003-2006) of *Inter academy council of national academies of SE Europe* (11 national academies)