

CV of Prof.Dr.AYDOGAN OZDEMIR

1. MAILING ADDRESS

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2. BIODATA

- Born on January 1957,
- Married and has got 2 children.

3. EDUCATIONAL BACKGROUND

- BSc, Istanbul Technical University (ITU), 1975-1980
- MSc, Istanbul Technical University, 1980-1982
- PhD, Istanbul Technical University, 1985-1990

4. ACADEMIC BACKGROUND

- Research, Teaching and Industrial Associate: ITU High Voltage Laboratory, 1980-1990
- Assistant Professor : ITU, Department of Electrical Engineering, 1991-1994
- Associate Professor : ITU, Department of Electrical Engineering, 1994-2003
- Professor : ITU, Department of Electrical Engineering, 2003-..
- Visiting Professor : Texas A&M University, 2000-2002

5. ADMINISTRATIVE JOBS

- Assistant Department Head : ITU, Department of Electrical Engineering, 1991-1999
- Head of Power System Group: ITU, Department of Electrical Engineering, 2007-2013
- Member of Electrical-Electronics Faculty Senate, 2006-1013
- Member of Istanbul Technical University Senate, 2011-1014

6. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

- EMO, Turkish Electrical Engineering Society
- IEEE Power Engineering Society

7. PROFESSIONAL COMMITTEE MEMBERSHIPS

- Permanent Organizing Committee member of ELECO Organizations-
- Chair of Organizing Committee of “Third National Electrical-Electronics and Computer Engineering – November 2006”
- Member of MISEM (Contemporary Education Committee of Turkish National Chamber of Electrical Engineers)
- Chair of 12th International Conference on Probabilistic Methods Applied to power systems, PMAPS 2012
- Member of PMAPS International Society, 2010-2014

8. AREAS OF INTEREST

- High Voltage Engineering
- Reliability and Risk Analysis
- Intelligent Methods for Power System Simulation, Analysis and Control
- Smart grid and Micrgrid
- Building Automation Systems

9. SUPERVISED AND ONGOING GRADUATE THESIS

PHD : 7 , MSC : 18

Please refer <http://faculty.itu.edu.tr/ozdemiraydo/> for details

10. PROJECTS AND TECHNICAL CUNSLTANCIES

- Stability Analysis of 380 kV Turkish National Power System, Turkish Scientific and Technical Research Institute, 1989.
- Harmonic Analysis of PETLAS (A national company producing wheels for vehicles), 1993.
- Steep Front Impulse Generation and Measurement System, Turkish Scientific and Technical Research Institute and a national Insulator Company, 1997.
- Software Development for Impulse Voltage Measurement and Evaluation System, 1998.
- Master Plan of CEAS (A local power company) Power Transmission System, Turkish Scientific and Technical Research Institute, 1999.
- Master Plan of KEPEZ (A local power company) Power Transmission and Distribution System, Turkish Scientific and Technical Research Institute, 1999.
- Life Estimation of the Power Distribution System of PETKİM-Aliğa Petrochemical Plant, 2003.
- Analysis of the Failures in Thrace Part of Turkish National Power Transmission System, 2005
- Silicon Insulator Development for Power Transmission System, 2008.
- Technical Consultancy for Turkish National Power Transmission Utility- Region 1, 4 and 5, 2008
- TCDD Railway Electrification of Console-Hoban Composite Insulators and Console Equipment, TÜBİTAK, 2009-2012
- Wall Type Bushing Design with Copper Coated Aluminum Conductor, SANTEZ, Feb.2013-May 2014
- Reliability of appliance electronic cards, TÜBİTAK 2013
- Smart Electrical Energy Management and Buildings Energy Efficiency Technologies, TÜBİTAK 2014
- Design, Prototype Manufacturing and the Tests of 72 kV Cast Resin Transformer: The highest Voltage Rating in the World, Project Type: TÜBİTAK-TEYDEB, Project No: 3150850, Position: Consultant
- Grid Responsive Society Through Building Automation Systems, GReSBAS, Project Type: TÜBİTAK-ERA NET Smart Grid Plus-International, Project No: 115E816, Position: Project manager.
- Corona Discharge Characterization and Electromagnetic Effects of HVDC Transmission Lines, Project Type: TÜBİTAK-International, Project No: 215E262, Position: Project manager
- Gamified Management of Distributed Energy Resources, GaMDER,

Project Type: International - ERIGrid- European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out (Horizon 2020 - 654113), Project No: 654113, Position: Project manager

- Distribution Network Oriented Demand Response, DiNODR, Project Type: International - ERIGrid- European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out (Horizon 2020 - 654113), Project No: 654113, Position: Researcher
- Determination of optimum filler composition to extend the lifetime of polymeric insulators and lifetime estimation, Project Type: TÜBİTAK 1001, Project No: 217E276, Position: Researcher

11. PUBLICATIONS

I have 23 journal papers, 107 conference papers, 13 invited talks/seminars, 3 scientific reports and a textbook. Please refer <http://faculty.itu.edu.tr/ozdemiraydo/> for details

12. REFERENCES

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