

Assoc. Prof. Ramazan Çağlar

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: U-8955-2018

ScopusID: 24767420000

Yoksis Researcher ID: 149504

Biography

Ramazan Çağlar was born in Çemişgezek, Tunceli, Turkey, in 1959. He received the B.Sc., and M.Sc. diploma in Electrical Engineering from the Istanbul Technical University in 1984 and 1987 respectively, and Ph.D. degrees in Graduate School of Science, Engineering and Technology of the same university in 1999. He accepted as Postdoctoral Researcher by the School of Electric and Computer Engineering at Georgia Institute of Technology, Atlanta, USA in 2001. He has conducted his research activities for two years in this university. His research interests are power system modeling, reliability of electric power system, the effects of deregulation on the electric power system, power transmission pricing, distributed generations, and fault diagnosis, risk management and signal processing.

In 1984 he joined the Faculty of Electrical Engineering, Istanbul Technical University as a research assistant, where he is presently an Assoc. Professor. He is active in teaching and research in the general modeling, analysis, and control of power systems. He has published article in some referred journals, and conference proceedings.

Dr. Çağlar is a member of IEEE, IEEE-PES, a member of CIGRE, a member of Turkish National Committee on Illumination (ATMK), and a National Chamber of Turkish Electrical Engineering (EMO).

Education Information

Post Doctorate, Georgia Institute of Technology, School Of Electrical And Computer Engineering, Electrical Energy, United States Of America 2001 - 2003

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektrik Mühendisliği / Elektrik Mühendisliği, Turkey 1991 - 1999

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Elektrik Mühendisliği / Enerji, Turkey 1983 - 1987

Undergraduate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektrik Mühendisliği, Turkey 1977 - 1983

Foreign Languages

French, B2 Upper Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Elektrik Enerji Sistemlerinde Güvenilirlik Değerlendirmesi için Kısıtlılık Seçimi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Mühendisliği / Elektrik Mühendisliği, 1999

Postgraduate, Asenkron Makinenin Durum Uzayında Minimum Gerçeklenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Mühendisliği / Elektrik Mühendisliği, 1987

Research Areas

Electrical and Electronics Engineering, Energy, Lighting Technology, Power System Analysis, Electric Power Transmission, Distribution and Protection, Protection Systems, Renewable energy, High Voltage Technique, Mathematics, Statistics, Probability Theory, Stochastic Processes, Optimization, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Elektrik-Elektronik, Elektrik Mühendisliği, 2014 - Continues

Assistant Professor, Istanbul Technical University, Elektrik-Elektronik, Elektrik Mühendisliği, 2006 - 2014

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Elektrik Mühendisliği, 2007 - Continues

Courses

Probability and Statistics, Undergraduate, 2017 - 2018, 2016 - 2017

Aydınlatma ve İç Tesisat Laboratuvarı, Undergraduate, 2017 - 2018, 2016 - 2017

Reliability Analysis in Power Systems , Postgraduate, 2016 - 2017

Electricity Markets, Postgraduate, 2016 - 2017, 2015 - 2016

Power Transmission Systems, Undergraduate, 2016 - 2017, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **New structural approach for distribution system reliability assessment**
Ozdemir A., Mekic F., Caglar R.
EUROPEAN TRANSACTIONS ON ELECTRICAL POWER, vol.9, no.3, pp.175-181, 1999 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of load parameter dispersion and direct load control actions on aggregated load**
Ucak C., Caglar R.
1998 International Conference on Power System Technology (POWERCON 98), Beijing, China, 18 - 21 August 1998, pp.280-284
- II. **A method for minimal path determination in electric power distribution systems**
Ozdemir A., Mekic F., Caglar R.
9th Mediterranean Electrotechnical Conference (Melecon 98), Tel-Aviv-Yafo, Israel, 18 - 20 May 1998, pp.1089-1092

Supported Projects

Çağlar R., Project Supported by Higher Education Institutions, Türk şebeke kodlarına göre rüzgar türbini dinamik analizi, 2016 - 2018

Metrics

Publication: 36

Citation (WoS): 8

Citation (Scopus): 71

H-Index (WoS): 2

H-Index (Scopus): 5

Congress and Symposium Activities

PMAPS 2016, "12th International Conference on Probabilistic Methods Applied to Power Systems", Session Moderator, Beijing, China, 2016

First SEERC Power Conference, Session Moderator, Celje, Slovenia, 2016

Scholarships

Öğretim Elemanlarının Uzun Süreli Yurtdışı Araştırma Etkinliklerine Katılımını Destekleme Programı, University, 2001 - Continues