

Dr. Athanasios D. Karlis (born in 1967) received his Dipl.-Eng. and PhD degrees from the Electrical & Computer Engineering Department of the Aristotle University of Thessaloniki, Greece, in 1991 and 1996 respectively. In 2000 was elected Lecturer at the Department of Electrical & Computer Engineering at Democritus University of Thrace, Greece. Since 2017 he is Associate Professor and Deputy Head at the same Department and since 2019 Director of the Electrical Machines Laboratory.

His research interests are in diagnostics and control of electrical machines and drives, renewable energies and power production from small hydro, wind energy conversion and photovoltaics power systems. His research activities include more than 60 papers in scientific journals, book chapters and international conference proceedings.

As visiting Researcher he visited the Helsinki University of Technology, the Centre for Rapid Transit Systems in the Department of Electrical & Computer Engineering of the Virginia Polytechnic Institute and State University (Virginia Tech) and the Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany. He speaks Greek (native), English and German.

He supervised more than 60 final year Theses and 10 Master Theses. Currently he supervises 4 PhD Theses and another 3 Master Theses.

Since 2000 he is Member of IEEE and since 2012 Senior Member and he often serves as an IEEE Transactions paper reviewer as well as a reviewer for IET, Elsevier, Taylor & Francis etc. journal papers. He is member of the Editorial Board of two (2) international scientific journals.

He was Chair of the Local Organizing Committee of the International Conference on Electrical Machines (ICEM 2018), which was held in Alexandroupoli, Greece in 2018.

He served for 2 years as member of the Board of directors of the Hellenic Institute of Electric Vehicles (HEL.I.E.V.).

On July 2012 he founded the IEEE IAS Student Branch Chapter (SBC) in Democritus University of Thrace Greece, the first (and only till now) IAS SBC in Greece. The activities of this SBC and its officers were awarded with the following awards:

1. 2013 IAS Outstanding New Student Branch Chapter Award
2. 2013 IAS Chapter Web Contest, 1st Prize Award
3. The Most Happening IAS Chapter Contest 2013, 2nd Prize Award
4. Outstanding Student Branch Chapter Chair of the Year 2013, Christina-Panagiota Malliou
5. 2014 IAS Chapter Web Contest, 1st Prize Award

6. 2014 IAS Continued Performance - Outstanding Student Branch Chapter Award
7. The Most Happening IAS Chapter of the Year 2014, 1st Prize Award
8. Outstanding Student Branch Chapter Chair of the Year 2014, Galini Kondyli
9. Outstanding IAS CMD Officer, Christina-Panagiota Malliou, CMD Chapter and Member Promotion and Support Committee Chair & PR Subcommittee Chair
10. 2015 IAS Chapter Web Contest, 1st Prize Award
11. Graduate Student Thesis Contest 2015, Category: Master Thesis/Diploma Thesis: 3rd Prize Kafalis Konstantinos with the title: "Modeling – Simulation of an Elevator's Electric Drive System", Advisor: Athanasios D. Karlis
12. The Most Happening IAS Chapter of the Year 2015, 1st Prize Award
13. IEEE IAS Outstanding Young Member Service Award 2016, Christina-Panagiota Malliou
14. 2017 IAS Continued Performance Outstanding Student Branch Chapter Award
15. Aristotelis Farmakis, 2017 Outstanding CMD Officer

In 2013 Dr. Athanasios Karlis was selected from the IEEE IAS executive board to run for a Member-at-large position on the IAS Executive board (Not Elected).

In 2015 he received the **IEEE Outstanding Branch Chapter Advisor Award for IEEE Region 8** and in 2016 the **Outstanding Student Branch Chapter Advisor Award for IEEE Industry Applications Society**. Since 2017 he is Chair of the Industrial Electronics/Industry Applications/Power Electronics Joint Chapter, IE13/IA34/PEL35, IEEE Greece Section.