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Forskningsprofil

Amjad Anvari-Moghaddam (S'10–M'14–SM'17) received the Ph.D. degree (Hons.) from University of Tehran in 2015 in Energy & Power Systems Engineering. Currently, he is an Associate Professor and Leader of iGRIDS Research Group at the Department of Energy (AAU Energy), Aalborg University where he is also acting as the Vice-Leader of PESYS and the coordinator of Integrated Energy Systems Laboratory (IES-Lab).

Research interests:

- Renewable/Hybrid Power Systems Planning, Operation, and Control
- Energy Systems Economics and Markets
- Microgrids and Active Energy Networks
- Sector Coupling, Integrated Energy Systems and Energy Hubs
- Modeling, Control, and Optimization of Power Electronic Systems
- Grid Interconnection of Renewable Energy Sources and Energy Storage Systems
- Operations Research and its applications to Energy Systems:
- Mathematical modeling
- Linear and non-linear optimization
- Risk modeling and management
- Sensitivity analysis
- System identification

He serves as the Vice-Chair of IEEE Denmark, Associate Editor of several leading journals such as the IEEE Transactions on Power Systems, IEEE Systems Journal, and e-Prime Elsevier. He is a member of Danish Standardization committee on Supply Systems for Electrical Energy (S-508) and IEC Standardization Working Group on Grid Integration of Renewable Energy Generation (8A). He has also been a technical committee member of several IEEE PES/IES/PELS and CIGRE working groups such as IEEE-CTSoc Consumer Power and Energy, IEEE-PES/SBLC WG P2418.5, CIGRE TOR C6.38, JWG C2/C5.06, and TOR C6.35.

He was awarded as the top 2% of Highly-Cited Scientists in the world (according to 2020-2022 Stanford University list) and was the recipient of 2020 DUO – India Fellowship Award, DANIDA Research Fellowship grant from the Ministry of Foreign Affairs of Denmark in 2018 and 2021, IEEE-CS Outstanding Leadership Award 2018 (Halifax, Nova Scotia, Canada), and the 2017 IEEE-CS Outstanding Service Award (Exeter-UK).

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Aktiviteter

Danish Standards (DS): Supply Systems for Electrical Energy (S-508) (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2023 → ...

IEC MSB/SWG 17: Power Semiconductors for an Energy-Wise Society (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2023 → ...

IEC SC 8A: Grid Integration of Renewable Energy Generation (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2023 → ...

Organizing Committee Member of the 25th Conference on Power Electronics and Applications and Exhibition (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2023

Program Co-Chair of the 7th International Conference on Power Energy Systems and Applications (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)

2023

Scientific Committee Member of the 2nd International Meet on Power and Energy Engineering (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2023

Technical Committee Member of the 13th International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2023

Technical Program Chair of the 2023 IEEE 41st International Conference on Consumer Electronics (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2023

Technical Program Chair of the 2023 International Conference on Advances in Networking, Informatics and Education (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2023

Keynote Speaker: "Operation and Control of Renewable Energy Systems"
Amjad Anvari-Moghaddam (Oplægsholder)
21 okt. 2022

Keynote Speaker: "The Energy Shift: Towards A Renewable Future"
Amjad Anvari-Moghaddam (Oplægsholder)
14 okt. 2022

Keynote Speaker: "Modern Energy Markets and Integrated Energy Systems: Opportunities and Challenges"
Amjad Anvari-Moghaddam (Oplægsholder)
27 feb. 2022

Invited Speaker: "Perspectives for the Clean Energy Transition"
Amjad Anvari-Moghaddam (Oplægsholder)
26 feb. 2022

Vice-Chair of IEEE Denmark (Begivenhed)
Amjad Anvari-Moghaddam (Næstforperson)
feb. 2022 → ...

Program Chair of the 2022 International Conference on Power Systems and Electrical Technology (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2022

Program Chair of the 5th International Conference on Electrical Engineering and Green Energy (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2022

Program Chair of the 6th International Conference on Power Electronics Systems and Application (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2022

Publication Chair of the 2022 Asia Conference on Electrical, Power and Computer Engineering (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2022

Publication Chair of the 2022 International Conference on Advanced Electronics, Electrical and Green Energy (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2022

Session Chair: "Electricity Load Forecasting and Calculation" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2022

Sustainable Energy Technologies and Assessments (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2022

Technical Committee Member of the 10th International Conference on Smart Energy Grid Engineering (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Technical Committee Member of the 10th International Conference on Smart Energy Grid Engineering (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Technical Committee Member of the 7th International Conference on Renewable Energy and Conservation (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Technical Program Committee of the 6th International Conference on Energy Economics and Energy Policy (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Technical Program Committee of the 7th International Conference on Advances on Clean Energy Research (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Technical Program Committee of the 7th International Conference on Renewable Energy and Conservation (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2022

Track Chair of the IEEE 40th International Conference on Consumer Electronics (Begivenhed)

Amjad Anvari-Moghaddam (Næstforperson)
2022

Keynote Speaker: "Green Energy Transition – Opportunities and Challenges"

Amjad Anvari-Moghaddam (Oplægsholder)
13 jun. 2021

CIGRE Working Group on the Impact of Electricity Market Interventions by System Operators during Emergency Situations (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021

Co-Chair of 2021 International Conference on Electrical Engineering and Computer Technology (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2021

e-Prime: Advances in Electrical Engineering, Electronics and Energy (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2021 → 2024

Expert Evaluation Committee - European Coordinated Research on Long-term ICT and ICT-based Scientific Challenges (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

Expert Evaluation Committee - Italian Ministry of University and Research REPRISÉ– PRIN (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

Expert Evaluation Committee - National Science Centre Poland (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

Expert Panels and Evaluation Committee - Science Fund of the Republic of Serbia (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

I E E E Systems Journal (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2021 → 2024

IET Energy Conversion and Economics (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2021 → ...

Invited Talk: "Renewable Energy Transition and Living Sustainably"

Amjad Anvari-Moghaddam (Oplægsholder)
2021

Keynote Speaker: "Flexible and Resilient Energy Networks for a Low-Carbon Future"

Amjad Anvari-Moghaddam (Oplægsholder)
2021

Regional Chair of 2021 IEEE the 4th International Conference on Power and Energy Applications (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2021

Scientific Evaluation Committee LEAP-RE (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

SDIA Steering Group on Data Centre Power Flexibility (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021 → ...

SDIA Steering Group on Excess Heat Utilization from Data Centers (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2021 → ...

Session Chair: "Active Consumers in Energy Communities" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2021

Session Chair: "Low-Inertia Power Grids: Challenges and Solutions" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2021 → ...

Session Chair: "Smart Grid and Micro Grid"

Amjad Anvari-Moghaddam (Arrangør)
2021

Technical Program Committee of the 14th International Conference on Advances in Circuits, Electronics and Micro-electronics (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021

Technical Program Committee of the 5th International Conference on Energy Economics and Energy Policy – ICEEEP 2021 (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021

Technical Program Committee of the 6th International Conference on Advances on Clean Energy Research – ICACER 2021 (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2021

Webinar: "The Fundamentals of Electronics for Energy Generation, Conversion, Distribution, and Storage"

Amjad Anvari-Moghaddam (Gæsteforelæser)
2021

Keynote Speaker: "New Energy Outlook and Future Energy Markets"

Amjad Anvari-Moghaddam (Oplægsholder)
4 dec. 2020

Energies (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

Expert Evaluation Committee - Qatar National Research Fund (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020 → ...

IEEE Open Access Journal of Power and Energy (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

IEEE Power Engineering Letters (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

IEEE Transactions on Power Systems (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

IET Smart Grid (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020 → 2023

International Journal of Electrical Power & Energy Systems (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

International Transactions on Electrical Energy Systems (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

Inventions (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2020

Member of Technical Stream Committee of IEEE CTSoc Consumer Power and Energy – CPE (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020 → ...

Program Committee Member of the First International Conference on Electrical Energy and Power Engineering (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020

Session Chair: "Coordinated Operation and Planning of Hybrid Energy Systems" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2020

Session Chair: "Decision Making Approaches for Integrated Energy Systems" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2020

Session Chair: "Energy Storage Systems and Charging Technologies for Electric Vehicles" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2020

Technical Committee Member IEEE-PES/SBLC WG for Blockchain in Energy – IEEE SA P2418.5 (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020 → ...

Technical Committee Member of IEEE CES Energy Management of CE Hardware and Software Systems –EMC (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020

Technical Committee Member of IEEE IES Smart Grids (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020

Technical Program Committee of the 3rd International Conference on Smart Energy Systems and Technologies – SEST 2020 (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2020

Track Chair of the 3rd International Conference on Electrical Engineering and Applications (Begivenhed)

Amjad Anvari-Moghaddam (Næstforperson)
2020

Session Chair: "Energy Risks and Assessment Policies" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
27 aug. 2019

Session Chair: "Advanced Power Electronics for Resilient Active Networks and Microgrids" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
jun. 2019

International Advisory Board of the 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
20 feb. 2019 → 22 feb. 2019

Applied Thermal Engineering (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2019

Electrical Engineering Open Access Open Journal (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2019

Electronics (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2019

IEEE Access (Tidsskrift)

Amjad Anvari Moghaddam (Redaktør)
2019 → 2022

Invited Talk: "The Role of Demand Side Management in Smart Energy"

Amjad Anvari-Moghaddam (Oplægsholder)
2019

Session Chair: "Demand Response I" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2019

Session Chair: "Energy Storage for Future Power and Energy Systems" (Begivenhed)

Amjad Anvari-Moghaddam (Forperson)
2019

Sustainability (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2019 → 2020

Technical Committee Member of IEEE IES Energy Storage – ESTC (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)
2019 → ...

Technical Committee Member of IEEE PES Energy Development and Power Generation Committee – ED&PG (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2019

Technical Committee Member of IEEE PES Power System Operation, Planning and Economics - PSOPE (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2019

Technical Program Committee of the 19th IEEE International Conference on Scalable Computing and Communications (Begivenhed)
Amjad Anvari Moghaddam (Medlem)
2019

Technical Program Committee of the 1st International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2019

Technical Program Committee of the 1st International Conference on Emerging Electrical Energy, Electronics and Computing Technologies (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2019

Technical Program Committee of the 8th IET International Conference on Renewable Power Generation (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2019

Vice-Chair of IEEE-PES Denmark Chapter (Begivenhed)
Amjad Anvari-Moghaddam (Næstforperson)
2019 → ...

Technical Program Committee of the 4th International Symposium on Dependability in Sensor, Cloud, and Big Data Systems and Applications (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
11 dec. 2018 → 13 dec. 2018

IET Renewable Power Generation (Tidsskrift)
Amjad Anvari-Moghaddam (Redaktør)
okt. 2018 → 2021

International Scientific Committee of the 3rd International Conference on Computer Technology, Mechanical and Electrical Engineering (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
17 aug. 2018 → 19 aug. 2018

Workshop: IoT Solutions for Smart Healthcare
Amjad Anvari-Moghaddam (Foredragsholder), Po Yang (Foredragsholder) & Afshin Samani (Foredragsholder)
31 jul. 2018 → 1 aug. 2018

Session Chair: "IoT Networks and Communications" (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
30 jul. 2018

Technical Program Committee of the 2018 IEEE International Conference on Internet of Things (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
30 jul. 2018 → 3 aug. 2018

Workshop: IoT-driven eNErgy sysTEms (INET) - Advances and Applications

Amjad Anvari-Moghaddam (Foredragsholder), Yajuan Guan (Foredragsholder), Juan Carlos Vasquez Quintero (Foredragsholder) & Josep M. Guerrero (Foredragsholder)
30 jul. 2018

CIGRE Working Group on Rural Electrification (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
13 jul. 2018 → dec. 2020

Technical Program Committee of the 16th IEEE International Conference on Smart City (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
28 jun. 2018 → 30 jun. 2018

Tutorial: Advances in Microgrids Control and Management

Amjad Anvari-Moghaddam (Foredragsholder), Qobad Shafiee (Foredragsholder), Hassan Bevrani (Foredragsholder) & Josep M. Guerrero (Foredragsholder)
20 feb. 2018 → 21 feb. 2018

Applied Sciences (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2018 → ...

CIGRE Working Group on Distributed Energy Resources Aggregation Platforms for the Provision of Flexibility Services (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2018 → ...

Energies (OA Journal) (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2018 → ...

Future Generation Computer Systems (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)
2018

IEEE Working Group Smart Buildings, Loads and Customer Systems (Begivenhed)

Amjad Anvari-Moghaddam (Sekretær)
2018 → ...

Invited Talk: "Advanced Architectures and Control Concepts for Microgrids"

Amjad Anvari-Moghaddam (Oplægsholder)
2018

Invited Talk: "Advances in Control and Management of AC/DC Microgrids"

Amjad Anvari-Moghaddam (Oplægsholder)
2018

Technical Program Committee of the Second EAI International Conference on Smart Grid and Internet of Things (SGIoT 2018) (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
2018

Technical Program Committee of the 2017 IEEE International Conference on Internet of Things (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)
22 jun. 2017

Workshop: The Energy Internet-Integrating Internet of Things into the Smart Energy Systems

Amjad Anvari-Moghaddam (Paneldeltager)

21 jun. 2017

Keynote Speaker: Research Challenges and Future Directions in Industrial and Residential Microgrids

Amjad Anvari-Moghaddam (Oplægsholder)

23 feb. 2017

SCIREA Journal of Electrical Engineering (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)

feb. 2017

IEEE Internet of Things Community (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2017

IEEE Internet of Things Journal (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)

2017

IEEE-Senior Member (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2017

IEEE Transactions on Industrial Informatics (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)

2017

Technical committee member of IEEE Working Group P2004 (HIL Simulation and Testing) (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2017

Technical committee member of the Second International Conference on Intelligent Information Technologies (ICIIT 2017) (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2017

AAU Certification in English as a Medium of Instruction

Amjad Anvari-Moghaddam (Andet)

2017

Microgrid Symposium 2016: "Shipboard Microgrids-Advances in Control, Operation and Management"

Amjad Anvari-Moghaddam (Oplægsholder)

20 okt. 2016 → 21 okt. 2016

Applied Sciences (Tidsskrift)

Amjad Anvari-Moghaddam (Redaktør)

1 okt. 2016

Plenary Talk: "Energy Management Solutions for Sustainable Homes and Microgrids"

Amjad Anvari-Moghaddam (Oplægsholder)

29 sep. 2016

I-EMS Group at Center for Urban Energy (iCUE)-Ryerson University (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

1 sep. 2016

Invited Talk: "Smart Grids- A Way to Enable Cost-Effective and Comfort-Aware Energy Management Solutions"

Amjad Anvari-Moghaddam (Oplægsholder)

3 apr. 2016

Session Chair: "Advanced Technology Applications in Smart Power Grids"

Amjad Anvari-Moghaddam (Paneldeltager)

apr. 2016

Invited Talk: "Microgrids- Recent Activities, Research, Development, and Demonstration Projects"

Amjad Anvari-Moghaddam (Oplægsholder)

14 feb. 2016 → 15 feb. 2016

OPAL-RT Certificate of Training

Amjad Anvari-Moghaddam (Deltager)

2016

Technical committee member of IES Resilience and Security for Industrial Applications – ReSia (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

2016

Session Chair: "Distributed Systems"

Amjad Anvari-Moghaddam (Paneldeltager)

sep. 2015

Technical committee member of Renewable Energy Systems-IEEE Industrial Electronics Society (Ekstern organisation)

Amjad Anvari-Moghaddam (Medlem)

1 aug. 2015

IEEE Smart Grid Community (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2015

IEEE Young Professionals (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2015

MOHANIR Eng. Consulting Company A/S (Ekstern organisation)

Amjad Anvari-Moghaddam (Næstforperson)

2015

One-Day Seminar for PhD Supervisors

Amjad Anvari-Moghaddam (Deltager)

2015

IEEE Power Electronic Society (Begivenhed)

Amjad Anvari-Moghaddam (Medlem)

2014

Program Co-Chair of the 2023 the 7th International Conference on Power Energy Systems and Applications (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2013 → ...

Iran National Elite Foundation (Ekstern organisation)
Amjad Anvari-Moghaddam (Medlem)
jul. 2011

Organization for Engineering Order of Buildings-Electrical Installations (Ekstern organisation)
Amjad Anvari-Moghaddam (Medlem)
2011

Priser

2016 Otto Mønstedts Travel Award
Anvari-Moghaddam, Amjad (Modtager), 2016

2018 Otto Mønstedts Travel Award
Anvari-Moghaddam, Amjad (Modtager), 2018

2019 Otto Mønstedts Travel Award
Anvari-Moghaddam, Amjad (Modtager), 2019

2020 ET-AAU Supervisory Award
Anvari-Moghaddam, Amjad (Modtager), 2020

2020 ITEES Outstanding Editor Award
Anvari-Moghaddam, Amjad (Modtager), 2020

Best Paper Award - Renewable Energy Global (REG) Innovations Ltd.
Anvari-Moghaddam, Amjad (Modtager), 2011

DANIDA Research Fellowship Grant
Anvari-Moghaddam, Amjad (Modtager), 2019

DUO – India Fellowship Award
Anvari-Moghaddam, Amjad (Modtager), 2020

IEEE-CS Outstanding Leadership Award 2018
Anvari-Moghaddam, Amjad (Modtager), 2018

IEEE-CS Outstanding Service Award
Anvari-Moghaddam, Amjad (Modtager), 2017

Inventions 2017 Best Paper Award
Anvari-Moghaddam, Amjad (Modtager), 2017

Outstanding Review Award (International Journal of Electrical Power & Energy Systems - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2018

Outstanding Review Award (Journal of Applied Energy - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2017

Outstanding Review Award (Journal of Cleaner Production - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2018

Outstanding Review Award (Journal of Energy - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2016

Outstanding Review Award (Journal of Energy Storage - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2018

Outstanding Review Award (Sustainable Cities and Society - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2018

Recognized Review Award (Energy and Buildings - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2018

Recognized Review Award (Journal of Energy Storage - Elsevier)
Anvari-Moghaddam, Amjad (Modtager), 2017

World's Top 1% Highly-Cited Researcher
Anvari-Moghaddam, Amjad (Modtager), 20 apr. 2019

Bevillinger

MARGIN: Market-driven Multi-Energy Operational Planning in Indonesia
Anvari-Moghaddam, A., Blaabjerg, F., Hajizadeh, A. & Frøstrup, S.
Danida Fellowship Centre: 4.966.260,00 kr.
01/04/2022 → 31/05/2025

Projekter

A High-Fidelity PHIL-based Platform for Real-Time Simulation and Testing of Power and Energy Systems
Anvari-Moghaddam, A., Oshnoei, A. & Ribeiro, R. L. D. A.
01/08/2021 → 28/02/2022

Cognitive Control and Operation Management of Islanded Microgrids
Li, S., Anvari-Moghaddam, A. & Blaabjerg, F.
01/09/2022 → 30/09/2025

Continuous-time Modeling of Integrated Energy Systems
Nourollahi, R., Zare, K., Mohammadi-Ivatloo, B., Vahidinasab, V. & Anvari-Moghaddam, A.
01/09/2019 → 01/07/2023

Coordinated Control of Distributed Virtual Inertia Units to Improve Frequency Stability of Islanded Microgrids
Jafari, M., B. Gharehpetian, G. & Anvari-Moghaddam, A.
23/09/2019 → 29/02/2024

Energy Expenditure Estimates in Smart Homes
Hedegaard, M., Anvari-Moghaddam, A. & Samani, A.
01/08/2018 → 31/12/2018

Energy Management System in Shipboard Microgrid
Othman, M. B., Anvari-Moghaddam, A. & Guerrero, J. M.
20/04/2016 → 01/05/2019

HeatReFlex: Green and Flexible District Heating/Cooling

Anvari-Moghaddam, A., Guerrero, J. M., Nami, H. & Mohammadiivatloo, B.
Danida Fellowship Centre
01/05/2019 → 30/04/2022

Hybrid Generation Solution for Mining Site

Murkowska, M. I., Rey, P. Z., Reitich, G. A. C., Anvari-Moghaddam, A. & Leite, G.
01/02/2020 → 30/05/2020

DiCyPS: IT-Infrastructures for Control, Optimization and Management in Energy Systems

Guerrero, J. M., Anvari-Moghaddam, A., Vasquez, J. C., Bak-Jensen, B. & Guldbæk, B. K.
Innovationsfonden
01/01/2015 → 31/12/2020

Long-term Distribution System Planning in Presence of Regional Energy Networks

Dehghani Sanij, M., Mirzaei, A. & Anvari-Moghaddam, A.
01/09/2018 → 30/04/2022

MARGIN: Market-driven Multi-Energy Operational Planning in Indonesia

Anvari-Moghaddam, A., Blaabjerg, F., Hajizadeh, A. & Frøstrup, S.
Danida Fellowship Centre
01/04/2022 → 31/05/2025

Flywheel : Off-Shore Application of the Flywheel Energy Storage

Guerrero, J. M., Dragicevic, T. & Anvari-Moghaddam, A.
Den Danske Maritime Fond
13/11/2014 → 28/02/2016

Optimal Allocation of Hybrid Energy Storage Systems for Stackable Applications in Distribution Grid

Zhang, Y., Blaabjerg, F., Peyghami, S., Dragicevic, T. & Anvari-Moghaddam, A.
01/05/2021 → 30/04/2024

Optimal Energy Management of Hybrid Electric Ships Considering Load Uncertainty

Vahabzad, N., Mohammadi-Ivatloo, B., Tohidi, S. & Anvari-Moghaddam, A.
01/09/2018 → 01/10/2020

Optimal Energy Management of Local Industrial Energy Hubs

Zare Oskouei, M., Mohammadi-Ivatloo, B., Abapour, M., Shafiee, M. & Anvari-Moghaddam, A.
23/09/2018 → 28/02/2021

Optimal Operation of Multiple Energy Distribution Companies Integrated with Emerging Energy Resources

Mirzaei, M. A., Mohammadi-Ivatloo, B., Marzband, M. & Anvari-Moghaddam, A.
23/09/2018 → 22/05/2021

Optimal Operation of Natural Gas and Reconfigurable Electricity Networks in presence of Connected Energy Hubs

Hemmati, M., Mohammadi-Ivatloo, B., Abapour, M. & Anvari-Moghaddam, A.
01/09/2018 → 30/06/2021

Resilient Frequency and Voltage Control of Isolated Microgrids for an Improved Performance Against FDI Cyber-Attacks Using Coordinated SoC of Batteries

Solat, A., B. Gharehpetian, G., Salay Naderi, M. & Anvari-Moghaddam, A.
01/09/2019 → 29/02/2024

Short Term Scheduling of Decentralized Peer-To-Peer Energy Trading in an Industrial Microgrid Considering the Central Shared Energy

Aminlou, A., Mohammadi-Ivatloo, B., Zare, K., Anvari-Moghaddam, A. & Razzaghi, R.
01/09/2018 → 01/12/2022

Stochastic Coordinated Charging Scheduling of Electric Vehicles with Multiple Charging Stations in Multi-Region Transportation System

Alaee, P., Anvari-Moghaddam, A. & Bems, J.
01/07/2021 → 01/07/2025

Voltage and Frequency Issues of Distributed Grids with Highly-Penetrated Photovoltaic Systems

Gao, X., Zhou, D., Anvari-Moghaddam, A. & Blaabjerg, F.
01/02/2021 → 31/01/2024