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- Modeling, Control, and Optimization of Power Electronic Systems
  - Mathematical modeling
  - Linear and non-linear optimization
  - Risk modeling and management
  - Sensitivity analysis
- System identification

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A New Way of Solar Radiation Forecasting Using Digital FIR Filters

Improvement of Power Systems Operation Using Smart Grid Technology

Smart Grid: An Intelligent Way to Empower Energy Choices

Intelligent Vibration Control of Structures Against Earthquakes Using Hybrid Damper

Aktiviteter

Academia Engineering (Tidsskrift)
Amjad Anvari-Moghaddam (Redaktør)
2023

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 → …

International Conference on European Energy Market (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2023

Organizing Committee Member of the 25th Conference on Power Electronics and Applications and Exhibition (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2023
Program Chair of the 2023 International Conference on Power, Electrical Engineering, Electronics and Control (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
2023

Program Chair of the 2023 International Conference on Power Systems and Electrical Technology (Begivenhed)
Amjad Anvari-Moghaddam (Forperson)
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

Technical Program Committee of the 2023 International Conference on Green Energy, Computing and Intelligent Technology (Begivenhed)
Amjad Anvari-Moghaddam (Medlem)
2023

Workshop Organizer: "Real-Time Digital Simulation and Hardware-in-the-loop Testing of Power and Energy Systems"
Amjad Anvari-Moghaddam (Paneldelelser)
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

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 REPRISE– 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 → ...

IEEE 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

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

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 – EMС (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 eNEgy 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

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)

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)

OPAL-RT Certificate of Training
Amjad Anvari-Moghaddam (Deltager)

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 Mønsteds Travel Award
Anvari-Moghaddam, Amjad (Modtager), 2016

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

2019 Otto Mønsteds 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 Conference Paper Award (ICPE 2023-ECCE Asia)
Anvari-Moghaddam, Amjad (Modtager), 2023

Best Conference Paper Award (SGC 2021)
Anvari-Moghaddam, Amjad (Modtager), 2021

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

**LOCOMUTIVE: Local Cooperative Multi-Market for Value-Stacking and Managing Symbiosis in Eco-Industrial Clusters**

Anvari-Moghaddam, A., Ghaemi, S., Subramanyam, S. A. & Frøstrup, S.
Villum Fonden: 985.000,00 kr.
01/05/2023 → 30/04/2024

Projekter


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

**EFFORT: Electrification and flexibility support from Green Port North**

Bak-Jensen, B., Pillai, J. R., Anvari-Moghaddam, A. & Ghaemi, S.
Elforsk
01/01/2023 → 31/01/2025

**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

**ClusterSoutH2: Erhvervsfyrtårn Syd: ClusterSoutH2 - Designing a PTX Ecosystem in Southern Denmark**

REACT-EU-tilskud (Erhvervsstyrelsen/EU)
23/11/2021 → 31/08/2023

**GreEnSeC: Erhvervsfyrtårn Syd: Etablering af Center for Grøn Energi og Sektorkobling**

Iov, F., Liniger, J., Hajizadeh, A., Anvari-Moghaddam, A., Nia, A. M., Zhao, W. & Christensen, M. D.
REACT-EU-tilskud (Erhvervsstyrelsen/EU)
23/11/2021 → 31/08/2023

**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

Local Cooperative Multi-Market for Value-Stacking and Managing Symbiosis In Eco-Industrial Clusters
Anvari-Moghaddam, A., Ghaemi, S., Subramanyam, S. A. & Frøstrup, S.
Villum Fonden
01/05/2023 → 30/04/2024

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

Machine Learning Based Trading Strategies in Local Energy Markets
Khaskheli, S. & Anvari-Moghaddam, A.
01/02/2023 → 31/01/2026

MARGIN: Market-driven Multi-Energy Operational Planning In Indonesia
Anvari-Moghaddam, A., Blaabjerg, F., Hajizadeh, A. & Frøstrup, S.
Danida Fellowship Centre
01/04/2022 → 31/12/2025

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
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
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