

## Best Paper Awards



2064: (Best Paper Award)

Innovative Flexible Heating System by the Use of Additive Plasma Coating Technology

Thomas Braun, Johannes Bürner, Markus Michl, Lukas Schaller, Ralf Böhm and Jörg Franke

2050: (Best Paper Award)

Time reconciliation and space aggregation to shed light on the plausibility of longterm low carbon pathways for power systems

Nadia Maïzi, Vincent Mazauric, Edi Assoumou, Vincent Krakowski and Xiang Li

2105: (Best Paper Award)

Optimal scheduling of energy hubs in interconnected multi energy systems

Aboelsood Zidan, Hossam A. Gabbar

2065: (Best Paper Award)

Potential analysis of the use of electric storage heaters for demand side management applications

Johannes Bürner, Thomas Braun, Michael Gaus, Markus Michl, Jörg Franke

2045: (Best Paper Award)

A Power Plant with Storage but without Fuel or Exhausts for Smoothing 'Green' Electricity

H. Richter

2090: (Best Paper Award)

Economic Assessment of the Cu-Cl Thermochemical Cycle Coupled with SCWR for Large Scale Hydrogen Production

R. S. El-Emam, I. Khamis, I. Dincer

## **Best Paper Awards**

2070: (Best Paper Award)

Optimization of Renewable Powered Hydrogen Micro-grid; taking in to account Economic Criteria

Azadeh Maroufmashat, Ushnik Mukherjee, Jonathan Ranisau, Mohammed Barbouti, Aaron Trainor, Hadi El-Shayeb, NidhiJuthani, Michael Fowler

2080: (Best Paper Award)

Design and realization of photovoltaic modules monitoring system based on wireless sensor network

Xianbo Sun, Yong Huang, Janjun Tan, Jingqiao Yi, Zhu Li

2046: (Best Paper Award)

Evaluating Demand Response Strategies in the presence of Renewable Energies: A Distribution Grid Perspective

Sarmad Hanif, Tobias Massier, Thomas Hamacher, Thomas Reindl

2098: (Best Paper Award)

Supervisory Controller for Power Management of AC/DC Microgrid

Hossam A.Gabbar, Mohamed El-Hendawi, Gaber El-Saady and El-Nobi Ibrahim

2057: (Best Paper Award)

Modeling and Delay Analysis of Wide Area Network in Smart Grid Communications

Abdulfattah Noorwali, Raveendra Rao, and Abdallah Shami