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Conference Sessions

SESSION 1 (Mon, Sep 6th 2021) Power System Planning

Time: 10:00 – 11:30 (CEST)

Chair: Ozan Erdinç

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7	Allocation of FCLs in Transmission Networks with High Penetration of DGs: A Two-Stage Approach <i>Mohammad Amin Jarrahi, Farzad Roozitalab, Mohammad Mehdi Arefi, Mohammad Sadegh Javadi and João P.S. Catalão</i>
13	Optimal Utilisation of Grid Capacity for Connection of New Renewable Power Plants in Norway <i>Viljar Stensaker Stave, Marthe Fogstad Dynge, Hossein Farahmand, Magnus Korpås and Ümit Cali</i>
19	An open source tool for approximate analytical reliability analysis in radial distribution grids <i>Sigurd Hofsmo Jakobsen, Michele Garau and Olve Mo</i>
25	Transmission Expansion Planning using a Highly Accurate AC Optimal Power Flow Approximation <i>Otto Heide, Karlo Šepetanc and Hrvoje Pandžić</i>
31	Optimization-Based Distribution System Reliability Evaluation: An Enhanced MILP Model <i>Mohammad Jooshaki, Matti Lehtonen, Mahmud Fotuhi-Firuzabad, Gregorio Muñoz-Delgado, Javier Contreras and José M. Arroyo</i>
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49	Cross-border Shared Sizing of Frequency Restoration Reserves: Insights from the H2020 CROSSBOW Project <i>Panagiotis Padiaditis, Dimitrios Papadaskalopoulos, Nikos Hatzigiorgiou and Dušan Prešić</i>





SESSION 2 (Mon, Sep 6th 2021) Electricity Markets

Time: 12:00 – 13:30 (CEST)

Chair: Nikolaos Paterakis

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Chair: Ozan Erdinç

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Chair: Mohammad Javadi

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289	A Cost-Driven Smart Heat Recovery Control for Supermarket Refrigeration System Coupled with District Heating System <i>Chunjun Huang, Yi Zong, Shi You, Jan Eric Thorsen and Lars Finn Sloth Larsen</i>
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Chair: Akın Taşcıkaraoğlu

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Chair: Gerardo Osório

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Time: 17:30 – 19:00 (CEST)

Chair: Tarek AISKaif

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Time: 19:30 – 21:00 (CEST)

Chair: Gerardo Osório

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499	Optimal partitioning in distributed state estimation considering a modified convergence criterion <i>Sajjad Asefi, Elena Gryazina and Helder Leite</i>
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511	Steady-State and Dynamic Security Assessment for System Operation <i>Alexander Raab, Gert Mehlmann, Matthias Luther, Tom Sennewald, Steffen Schlegel and Dirk Westermann</i>
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Time: 10:00 – 11:30 (CEST)

Chair: Akın Taşcıkaraoğlu

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559	Energy Management using Industrial Flexibility with Multi-objective Distributed Optimization <i>Debopama Sen Sarma, Tom Warendorf, Johanna Myrzik and Christian Rehtanz</i>
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SESSION 12 (Wed, Sep 8th 2021) Microgrids

Time: 12:00 – 13:30 (CEST)

Chair: Nikolaos Paterakis

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SESSION 13 (Wed, Sep 8th 2021)
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Chair: Hossein Hafezi

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SESSION 14 (Wed, Sep 8th 2021) Data Analytics

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Chair: Tarek AISkaif

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