

Advancing solar power forecasting with machine learning

Hokmabad, Hossein Nourollahi 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 89-90 : ill
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Analysing the influence of temperature and pressure on corona loss of 330kV overhead transmission line

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Analysis of broken rotor bar diagnostic techniques for inverter fed induction motor faults

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Analysis of insulation degradation behavior based on partial discharge measurement

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Battery energy storage systems modelling based on remaining useful lifetime through regression algorithms and binary classifiers

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Capacitor coupled voltage transformer inaccuracy modeling

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Comprison of grid-connected microinverter with primary and secondary side decoupling approach

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Creating digital twins fo electric vehicles using Unity 3D, Unreal Engine, and Nvidia Omniverse : a comprehensive overview

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Design procedure and preliminary analysis for the introduction of axial asymmetry in the synchronous reluctance machines

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Digital twin-based EV permanent magnet synchronous motor for condition monitoring

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Direct conductor cooling of outer-rotor machine enabled by additive manufacturing

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Extended reality interface for human robot interaction

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Finite element analysis based technique implementation for fault diagnostic of electrical machines

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Harnessing appliance flexibility : a user-centric approach for energy management

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Intelligent traction control for electric vehicles using hyperspectral imaging

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Load current harmonics analysis and modelling

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Local energy community power system asset dispatch optimization

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Luminance of outdoor screens in Tallinn

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Performance evaluation of dual rotor yokeless stator axial flux switched reluctance machine

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Prediction of optimal location for electric vehicle charging stations

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Preliminary analysis of bearing current faults for predictive maintenance

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Reimagining laboratory learning with digital twins and extended reality

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Rotational speed and inlet pressure effects on disc-type windage

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Studying the impact of gearbox faults on the operations of the cartesian robot

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Unified interface for programming and control of industrial robots

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Usage models of energy storage systems for optimization of long-term cost to the society

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Wide range power electronic converters for EVs

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Wide voltage gain range galvanically isolated DC-DC converters - an overview

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