

Special Issue

Resilient Strategies in Cyber-Physical Energy Systems

Message from the Guest Editors

Energy systems and particularly power systems, as critical infrastructures, are of supreme importance to society. The current major developments, namely, the evolving producer and consumer structures and characteristics as well as the dynamics of ICT innovations and smart solutions, threaten the operation of power systems. We invite you to contribute to this Special Issue, which includes (but is not limited to) the following topics:

- The analytic monitoring and situational awareness of both ICT and power systems;
- The modelling of complex events (e.g., cyber attacks, extreme-weather events, fires and cascaded events);
- Systematic analyses of interdependent systems;
- The modelling and analysis of human behavior and interaction in CPES;
- Integrated mitigation and remedial strategies in CPES;
- The application of digital real-time simulation in the validation and testing of system resilience;
- Co-simulation methods for ICT and power systems.

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