



## Analysis and Optimization Control of Active Distribution Networks and Smart Grids

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Deadline for manuscript  
submissions:

**20 November 2024**

### Message from the Guest Editors

This Special Issue will gather high-quality research articles with original contributions to studies on the analysis and optimization control of active distribution networks and smart grids. Topics of interest include, but are not limited to:

- Forecasting of renewable generations and active loads in active distribution and smart grid;
- Modeling and optimizing techniques in optimal operation of active distribution networks and smart grid;
- Morphological evolution of active distribution networks and smart grid;
- Hosting capacity assessment for renewables in active distribution networks and smart grid;
- Flexibility and resilience quantification for active distribution networks and smart grid;
- Security risk analysis and defense of cyber-physical system of active distribution networks and smart grids;
- Stability analysis and control of active distribution networks and smart grids;
- Power quality analysis and control of active distribution networks and smart grids;

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## Message from the Editor-in-Chief

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