

## Special Issue

# Sensor Technology for Digital Twins in Smart Grids

### Message from the Guest Editors

Smart grids are playing an increasingly significant role within the realm of smart environments. Digital twins for smart grids are virtual replicas or models of an entire electrical grid, created using digital technologies, data analytics, and simulation. These digital representations mimic the behavior and state of the physical grid, providing a complete, real-time view of grid operations. The digital twins process the data that they continuously receive from the smart grid. To this end, sensor technology plays a crucial role in enabling real-time data and information to be obtained from various points on the grid, which helps to optimize grid performance, improve reliability, and facilitate efficient energy management. Sensor technology is a fundamental component of modern energy systems, designed to be more efficient, reliable, and environmentally sustainable.

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### Deadline for manuscript submissions

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