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Sommario/riassunto	This book constitutes the post-conference proceedings of the Second EAI International Conference on Smart Grid Inspired Future Technologies, SmartGIFT 2017, held in London, UK, in March 2017. The revised full papers are presented in four tracks: Track 1 - Communications, Networks and Architectures; Track 2 - Smart Control and Operation; Track 3 - Grid and Components; and Track 4 - Data Management and Grid Analytics. Aside from the technical paper presentations, the book also contains five invited talks and two technical workshops. The two workshops organized were: the Improving the Robustness of Urban Electricity Network (IRENE) and

Wireless Communications and Networking Technologies for Connected Smart Grids (WCSG). The IRENE workshop aimed to address the new dimension of threats in the critical infrastructures through demonstration of IRENE methodologies and approaches. The WCSG workshop aimed to gain insights into key challenges, understanding and design criteria of employing wireless technologies to develop and implement future smart grids related services and applications.
