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Sommario/riassunto	As the Internet of Things (IoT) continues to evolve and integrate more deeply into various industries, the IoTCIT 2024 conference is emerging as a critical platform for sharing insights and advancements in IoT and its symbiotic technologies. This year, we are broadening our horizons to include sophisticated communication systems, IoT applications, and the burgeoning field of intelligent technologies. The proceedings will feature a robust selection of papers spotlighting the latest developments in both fundamental and applied aspects of communications. From the intricacies of communication signal processing to the frontiers of next-generation (6G) mobile communications, and the critical role of smart grid and power line communication systems, attendees will gain a comprehensive understanding of the current state and future directions of

communication technologies. This exploration will not only cover traditional wired and wireless communications but will also extend to emerging domains such as radio frequency and microwave communications, satellite communications, and the pivotal area of green communication systems. On the IoT front, the proceedings of IoTCIT 2024 will delve into the expansive world of wireless sensor and actuator networks, vehicle networks, and the integration of IoT with big data, among other topics. As intelligent technologies, transformative areas such as modeling and simulation of information systems, distributed computing, ubiquitous computing, and cloud computing are discussed. These discussions are set to cover both theoretical frameworks and practical applications, aiming to bridge the gap between academic research and industry solutions. This convergence of technology and discourse will attract participants, from students to professionals and researchers, and provide more practical guidance and support for them. This book will serve as a reference for students, professionals, and researchers to further understand and apply IoT and intelligent technologies.