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Advanced Communication and Networking Techniques for Artificial Intelligence of Things (AIoT)

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Artificial Intelligence of Things (AIoT) is considered a collaborative application of Artificial Intelligence (AI) and the Internet of Things (IoT). With the fast growth of Internet of Things (IoT), vehicular networks, and the advent of 5G/6G, there are more rigorous performance requirements (e.g., ultra-low latency and ultra-high reliability) for advanced communication and networking techniques that enable the emerging high mobility applications.

Future AIoT systems will provide intelligent wireless connections with a high data rate for anyone at anytime and anywhere with the aid of AI, for example when traveling in high-speed trains and highway vehicles. These high mobility scenarios result in rapidly time-varying channels, which pose urgent demands for AI-empowered large-scale communications as well as significant challenges for the design of communication and networking models and technologies for AIoT.

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Message from the Editor-in-Chief

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