# Topical Collection

# Machine Learning for Multimedia Communications

### Message from the Collection Editors

Despite the recent advances of 5G and beyond systems and multimedia coding techniques, the increasing demand for ubiquitous delivery of high-quality multimedia data ranging from high resolution video to immersive applications including AR/VR/MR continues to pose significant challenges for existing multimedia coding techniques and communication platforms that struggle to deal with the stringent requirements for low latency, high bandwidth, and ultra reliability. Machine learning has recently attracted significant attention from the multimedia community as the key enabler towards designing and building more reliable, efficient, and scalable multimedia communication systems. This Special Issue will publish the latest research and findings in machine learning enabled multimedia coding and communication systems for improved resilience, efficient coding, and reduced latency.


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