

Call for Papers

Track 12 – EMERGING TOPICS IN CONSUMER COMMUNICATIONS AND NETWORKING

Track Chairs:

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Scope and Motivation:

Even though disruptive technologies like Deep Learning and Blockchains are still in their infancy and hence still emerging topics themselves, there's a lot more to come. Consumer devices will significantly evolve, and so will do the networks feeding those devices. The track "Emerging Topics in Consumer Networking" will embrace those forward looking technologies not yet in the main stream and consequently not yet fully covered in the specialized tracks of CCNC2022.

We invite all authors working on the next or even next after next generation of consumer communications and networking to submit their vision and proposed solutions to this track of CCNC!

Potential Topics of Interest:

Due to its nature emerging technologies are not yet on our daily radar. Consequently the following list can only be read as an orientation but does not claim at all to be complete! We are happy to receive submissions going beyond this list.

- * Non-linear and Non-orthogonal Signal Processing
- * Breaking Taboos in Wireless Networks (Cross-layer communication and management, wireless jamming for goodput increase)
- * Trading Quality against Efficiency (Green communication with high quality of experience)
- * Intelligent Tunable Wireless Metasurfaces
- * Multi-Sense Communication (visual, acoustic, thermal, haptic, olphactoric)
- * Digital Twins in Consumer Networking
- * ...