



**IET Communications** 

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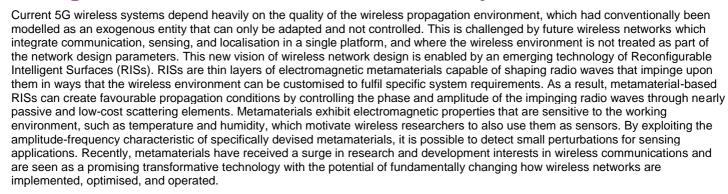
# Call for Papers

Submission Deadline: 30 July 2021 | Publication Date: April 2022

Editor-in-Chief: Liuging Yang, University of Minnesota, USA

## Special Issue on:

### **Intelligent Metasurfaces for Smart Connectivity**



The aim of this special issue is to solicit high-quality unpublished research papers by experts from mobile communication industries and academia related to metasurface-empowered wireless networks. Topics of interest include but are not limited to:

- Physics-based modelling, hardware architectures, and testbed Deployment & network optimisation for intelligent metasurfaceimplementations of intelligent metasurfaces
- Channel modelling for intelligent metasurface-assisted wireless communications
- Performance limits of intelligent metasurface-based wireless communications
- Signal Processing and machine learning for intelligent metasurface-empowered wireless networks
- Algorithms and protocol design for intelligent metasurfaceassisted wireless networks
- assisted communication
- Intelligent metasurface enabled RF sensing and localisation
- Intelligent metasurface-based sensor design
- Signal processing for intelligent metasurface-aided sensing
- Emerging applications, and integration of intelligent metasurfaces with existing wireless technologies (Massive MIMO, millimetre-wave communication, THz communication, D2D communications, UAV communications, energy harvesting)

From January 2021, The IET will begin an Open Access publishing partnership with Wiley. As a result, all submissions that are accepted for this Special Issue will be published under the Gold Open Access Model and subject to the Article Processing Charge (APC) of \$2,200. For further information on APCs, and support for APCs including Wiley's institutional agreements and Research4Life initiative which offers waivers and automatic discounts for certain countries, please see our FAQs. To submit your paper and for more information about the journal please visit our website and read our A

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