# **Special Issue**

# Intelligent Sensing, Computing, Caching, and Networking Technologies for Space-Air-Ground Integrated Networks

## Message from the Guest Editors

- Space–Air–Ground Integrated Networks (SAGINs)
  have recently gained great attention from academia
  and industry as a key direction for next-generation
  information networks, aiming for user access and
  service provision anytime and anywhere. However,
  SAGINs face technical obstacles due to the
  heterogeneity of the space, air, and ground networks.
  Fortunately, advanced techniques such as SoftwareDefined Networks (SDNs), Network Function
  Virtualization (NFV), Service Function Chains (SFCs),
  and Machine Learning (ML) can facilitate network
  control and management, resource allocation, traffic
  steering, content caching, service orchestration, and
  security enhancement, addressing many challenges in
  SAGINs.
- This Special Issue focuses on any intelligent sensing, computing, caching and networking technologies for SAGINs, and the purpose is to promote corresponding researchers and experts to present their novel ideas and recent findings, shedding light on the rapid development of this field. Original research and review papers are both welcomed.

#### Guest Editors

Dr. Bohao Feng

Prof. Dr. Huachun Zhou

Dr. Yuming Zhang

Prof. Dr. Ilsun You

### Deadline for manuscript submissions

closed (25 August 2025)



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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

#### Editor-in-Chief

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