

## Special Issue

# Control Methods to Improve the Sustainability and Energy Efficiency of 5G and Optical Networks

### Message from the Guest Editors

Topics accepted in the special issue include (but are not limited to) the following:

- Power consumption models and techno-economic models for optical networks and 5G
- Green optical and 5G networks
- Dimensioning, control and deployment of future optical networks.
- Efficient convergence of 5G radio and optical infrastructures
- Software-Defined Networking (SDN) and Network Function Virtualization in energy efficient networks.
- Network slicing in optical and/or 5G networks
- Artificial intelligence for efficient planning and/or control of optical and/or 5G networks.
- Distributed computing based on Fog/MEC/Cloud hierarchy
- Holistic resource orchestration and management including Fog/MEC/Cloud computing resources.
- Consumption-aware resource management and orchestration

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### Guest Editors

Dr. Ramón J. Durán Barroso

Dr. Ignacio de Miguel

Dr. Pouria Sayyad Khodashenas

Dr. F. Javier Moreno Muro

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### Deadline for manuscript submissions

closed (30 September 2021)



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### Editor-in-Chief

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