

Integrated Satellite and Terrestrial Networking – Recent Development and Future Challenges in 2030

Abstract:

This talk starts from the highlights on the ongoing integration of GEO/LEO satellite communications with emerging terrestrial network systems such as 5G, followed by brief reporting on key observations from real-life experiments. The talk will then move onto the vision of future integrated satellite and terrestrial network architectures and further elaborate some key technical challenges in realising such a vision in 2030.