

WWRF Meeting 55  
28-30 October 2026

University of Strathclyde  
Glasgow, UK



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**Strathclyde**  
Glasgow

**WIRELESS WORLD**  
**RESEARCH FORUM**

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## 6G - A new Private Network Universe?

### A Call for Abstracts

Private wireless networks are becoming increasingly popular as they connect fixed and mobile devices over larger distances with better reliability and security. Many enterprises are already using or testing private wireless networks, with a focus on 5G technology. Will the new and improved features of 6G give advantages in terms of security and latency, making a better option for real-time applications that are primarily local in nature?

The 55th WWRF Meeting invites researchers, visionaries, and policy shapers from around the world to explore this and other research challenges aimed at a hyperconnected, secure, intelligent and sustainable digital future. There we will discuss the layered complexities of future communication systems and spark cross-disciplinary research dialogue around emerging challenges. Join us to listen to world-renowned researchers involved in interactive keynote sessions, panel dialogue, and informative breakout sessions that will challenge assumptions and inspire new ideas. Submit your work and join us for three days of research dialogue and discovery.

#### Key Dates

- Abstract Submission Deadline: 11<sup>th</sup> September
- Notification of Acceptance: 18<sup>th</sup> September
- Registration: from end of July
- Final Paper (optional): 13<sup>th</sup> October
- Conference Dates: 28-30<sup>th</sup> October

#### Student Grants

Limited travel grants are available to support student authors, with priority for WWRF member institutions.  
**BEST PAPER AWARD: €500 (Full Paper Only).**

#### Topics of Interest Include

- The future of private networks
- Private networks for critical infrastructure and mission-critical systems
- Resilience in future networks
- Intent-based networking

- Cloud-native and AI-native networks
- Digital twins
- Post-quantum and zero-trust architectures
- AI-driven threat intelligence and mitigation
- Privacy-aware data sharing in federated systems
- Sustainability as a core design pillar
- Carbon-neutral and energy-aware networking
- Bio-inspired network architectures
- Sustainable spectrum and infrastructure sharing
- Beyond 6G enablers and visionary horizons
- THz and visible light communication
- Joint sensing, computing, and communication
- Ethical AI and human-centric connectivity
- Bridging the Digital Divide in future networks

#### Extended Abstract and Paper Submission

- All abstracts and papers must be original and must not be under review or submitted simultaneously to any other journal or conference
- Authors are required to submit an extended abstract via [wwrf55.trackchair.com](http://wwrf55.trackchair.com)
- Accepted abstracts will be invited to be presented at the WWRF55 Meeting, and to submit the corresponding full paper
- Full papers are optional, and should be submitted according to the instructions on the meeting website: [www.wwrf.ch](http://www.wwrf.ch)
- A selection of the best-reviewed full papers will be invited for submission to the WWRF Journal: Wireless World Research and Trends (WWRT)
- Full paper submission is a requirement for consideration in the Best Paper Award and for potential publication in WWRT.

#### Important Downloads

- [Click here](#) to download the Abstract Template.
- [Click here](#) to download the Copyright Form.
- [Click here](#) to download the Full Paper Template.