



**26-28 November 2025, Christchurch,  
New Zealand**

## **IEEE 2025 35<sup>th</sup> INTERNATIONAL TELECOMMUNICATION NETWORKS AND APPLICATIONS CONFERENCE**

### **Call for Work-in-Progress Papers**

We are pleased to invite submissions of **Work-in-Progress (WiP) papers** for IEEE ITNAC 2025. This track provides an opportunity for researchers, practitioners, and students to present early-stage research, preliminary results, or innovative ideas and receive constructive feedback from the community.

#### **Submission Guidelines:**

- Submissions should clearly describe the research problem, methodology, and preliminary findings.
- Maximum length: 4 pages (including references).
- WiP papers should be formatted according to the IEEE conference template.

Contributions are welcome on all advanced research topics, particularly (but not limited to) the following:

<b>Mobile &amp; Wireless Networks</b> <ul style="list-style-type: none"> <li>• Modelling and Simulation</li> <li>• Wireless access and routing protocols</li> <li>• Cross-layer design optimization</li> <li>• Green, energy efficient and sustainable networking</li> <li>• Nature and bio-inspired approaches to networking</li> <li>• Network-based mobile positioning and tracking</li> <li>• Cognitive and cooperative networking</li> <li>• Mobile social and ambient networks</li> <li>• Delay tolerant networks</li> <li>• Mobile and wireless broadband access networks</li> <li>• 4G/5G/6G networks</li> <li>• Wireless sensor networks</li> <li>• Vehicular Ad-hoc networks</li> <li>• Cognitive networks</li> <li>• Mission critical communications</li> </ul>	<b>Internet Technologies and Applications</b> <ul style="list-style-type: none"> <li>• Network modeling and simulation</li> <li>• Software defined networking</li> <li>• Smart Cities and Smart Grids</li> <li>• Traffic engineering, congestion and admission control</li> <li>• Content delivery networking</li> <li>• Datacenter networks and Cloud Computing</li> <li>• Sustainable networking</li> <li>• Peer-to-peer networks and overlays</li> <li>• Novel network-enabled applications and services</li> <li>• Future Internet routing schemes or transport concepts</li> <li>• IPv6 and future network addressing</li> <li>• High performance network virtualization</li> <li>• Networking standards and regulations</li> <li>• QoS/QoE provisioning and resource management</li> <li>• IoT and Cyber physical systems</li> </ul>
<b>Network Management, Privacy and Security</b> <ul style="list-style-type: none"> <li>• Next generation network regulation</li> <li>• Broadband network management</li> <li>• Intrusion detection and prevention</li> <li>• Key distribution and management</li> <li>• Large-scale attacks and defense</li> <li>• Security and privacy in wireless networks</li> <li>• Network security policy, theory and tools</li> <li>• Secure Mobile Agents and Mobile Code</li> <li>• Trusted computing and management</li> <li>• Security and privacy</li> <li>• Network resiliency and network security</li> <li>• Cyber-security and cyber-crime</li> </ul>	<b>Optical Networking and Applications</b> <ul style="list-style-type: none"> <li>• Modelling and Simulation</li> <li>• Optical switching and routing</li> <li>• Optical Network on Chips</li> <li>• Visible light communication</li> <li>• Optical Ethernet, EPON/GPON, 100Gb/s Ethernet</li> <li>• WDM Access Networks, WDM-PON</li> <li>• Wired/wireless convergence, Telecom/broadcast convergence, IPTV</li> <li>• Optical-wireless access networks, Radio-over-fiber</li> <li>• Large capacity optical transmission, WDM, OTDM</li> <li>• OFDM and advanced modulation in photonics</li> <li>• Energy efficient optical networks</li> </ul>
<p><b>Selected papers will be invited for submission to the Journal of Telecommunications and the Digital Economy (Scopus indexed). For paper submission guidelines, please refer to the Conference website.</b></p>	
<p><b>Important Dates:</b> WIP Paper submission: <b>30 September 2025</b></p>	
<p>Notification of acceptance: 15 October 2025</p>	
<b>Organizing Committee:</b>  <b>General Co-Chairs</b> Himanshu Agrawal, Australia Mengmeng Ge, New Zealand  <b>Technical Program Committee Chair</b> Shuo Li, Australia	<b>Publication Chair</b> Haibo Zhang, New Zealand  <b>Local Organising Committee Chair</b> Etienne Borde, New Zealand  <b>Industry Liaison</b> Junaid Haseeb, NZ