# Call for Papers

## Large Language Models Workshop

***The 22nd International Conference on Wireless Communications and Mobile Computing***

**Website:** http://iwcmc.net/2026/

**Submission Link**: **https://edas.info/N34281**

**Technically Sponsored by IEEE and IEEE IoT Community**

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## Scope

In 6G era, Large Language Models (LLMs) have demonstrated remarkable capabilities across a wide range of domains, including natural language processing, human-AI interaction, computer version, and digital twin data analysis, fueling a new wave of progress in artificial intelligence in next generation networks. However, compared to traditional models, LLMs in 6G generate open-ended outputs with high non-determinism and flexibility, making them particularly vulnerable to security threats. For example, LLM-generated content may contain factual inaccuracies (i.e., LLM hallucinations), leak privacy and sensitive data, or be manipulated via adversarial prompts for malicious purposes. Moreover, LLMs have become frequent targets of model extraction attacks and copyright infringements. Existing verification and defense mechanisms are struggling to address the unique LLMs security challenge in 6G, demanding new theoretical foundations and evaluation methodologies. At the same time, the growing deployment of LLMs in security-critical and regulation-sensitive contexts amplifies concerns about systemic risks, misuse, and ethical or legal violations in 6G. Therefore, ensuring the security, integrity, and accountability of LLMs throughout their development, deployment, and usage has become a central issue in 6G for both technological research and societal governance. This workshop aims to bring together researchers to explore theoretical models, empirical assessments, and practical defenses for LLMs security, fostering a rapid development and wide applications of LLMs in 6G and beyond.

## Topics

Accepted papers will be published in the IEEE IWCMC 2026 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit original papers (not published before and/or simultaneously to another venue) with topics that include but are not limited to:

- Distributed learning for LLMs in 6G
- Privacy preserving of LLMs in 6G
- Security analysis for LLMs in 6G
- LLMs hallucinations detection and mitigation in 6G
- LLMs software and hardware in 6G
- Copyright protection of LLMs in 6G
- Quantum security of LLMs in 6G

- Cross-layer security in 6G networks
- Digital twin for LLMs in 6G
- Data poisoning and defense for LLMs in 6G
- Backdoor detection and defense for LLMs in 6G

Submitted papers are encouraged to address novel technical challenges or industrial and standard aspects of the key technologies for sustainable and secure cognitive buildings/cities.

## Important Dates

Same deadlines as the main conference dates.

Note: Within this workshop, there will be one Best Paper Award.