



June 7, 2023 @ Vancouver Canada

CALL FOR PAPERS

Since 1990, the International Workshop on Network and Operating Systems Support for Digital Audio and Video (NOSSDAV) has been serving as an outstanding forum for researchers and developers involved in building innovative multimedia systems, networks, and applications. NOSSDAV is strategically positioned at the boundaries of applications and the operating systems/network, bridging the gap between highly demanding applications and the infrastructure. The 33rd NOSSDAV will continue to focus on both established and emerging research topics, high-risk, high-return ideas and proposals, and future research directions in multimedia networking and systems, in a single-track format that encourages active participation and discussions among academic and industry researchers and practitioners. Out-of-the-box ideas are particularly welcome; NOSSDAV prefers exciting-even-if-incomplete papers over complete-but-boring papers.

The workshop seeks papers in all areas of multimedia systems with an emphasis on the systems and networking aspects. Authors are especially encouraged to submit papers with real-world experimental results and datasets. Topics of interest include (but are not limited to):

Networking and Systems Support for Multimedia

- Multimedia Computing
- Multimedia Coding and Processing
- Multimedia Storage
- Multimedia System Architectures
- Network-distributed Multimedia Processing
- Networked GPUs/TPUs, Graphics and Virtual Environments
- Wireless, Mobile, IoT and Embedded Systems for Multimedia
- Cloud, Edge, and Fog Architectures for Multimedia
- Blockchain Support for Multimedia
- Security and Privacy in Multimedia Systems

Multimedia Applications: Systems, QoS/QoE and Human Factors

- Multimedia Streaming Applications
- Audio/Image/Video Analytics Systems
- Medical Multimedia Systems
- Surveillance Multimedia Systems
- Autonomous Driving Multimedia Systems
- Interactive Multimedia Systems and Networked/Online Games
- Immersive Multimedia Systems: Virtual Reality, Augmented Reality, Mixed Reality
- Metaverse, Web3 Multimedia, NFT



Important Dates:

Submission deadline: **10th March, 2023**
Acceptance notification: **31st March, 2023**
Camera-ready deadline: **17th April, 2023**
Online submission: <https://nossdav2023.hotcrp.com/>

Program Chairs:

Wei Cai
The Chinese University of Hong Kong, Shenzhen, China
Yao Liu
Rutgers University, USA

Submission Guidelines:

Prospective authors are invited to submit an electronic version of full papers, in PDF format, up to six (6) printed pages plus one (1) page solely for references in length (double column ACM style format) at the workshop website. Authors must prepare their papers in a way that preserves the anonymity of the authors. Please do NOT include the author names under the title. The workshop proceedings will be published by ACM Digital Library.