



The 5th IEEE Conference on Multimedia Big Data

September 11-13, 2019
NUSS Guild House
Singapore, Singapore

General Co-chairs

Chang Wen Chen, *CUHK Shenzhen*
Roger Zimmermann, *NUS, Singapore*

Honorary Co-chairs

Mohan Kankanhalli, *NUS, Singapore*

Technical Program Co-chairs

Jianquan Liu, *NEC, Japan*
Rajiv Ratn Shah, *IIIT-Delhi, India*
Vivek Singh, *Rutgers University, USA*

Award Co-chairs

Yi Yu, *NII, Japan*
Yonggang Wen, *NTU, Singapore*

Workshop Co-chairs

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Seon Ho Kim, *USC, USA*

Demonstration Co-chairs

Cheng-Hsin Hsu, *NTHU, Taiwan*
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Publicity Co-chairs

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Luming Zhang, *Zhejiang University, China*
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Rossi Kamal, *Sunniva Inc, Bangladesh*
Xiao Sun, *Hefei University of Technology*

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Call for Papers

Multimedia is increasingly becoming the "biggest big data" as the most important and valuable source for insights and information. It covers from everyone's experiences to everything happening in the world. As such, multimedia big data is spurring on tremendous amount of research and development of related technologies and applications.

The IEEE International Conference on Multimedia Big Data (BigMM), jointly sponsored by the IEEE-TCMC (Technical Committee on Multimedia Computing) and IEEE-TCSEM (Technical Committee on Semantic Computing), is a world's premier forum of leading scholars in the highly active multimedia big data research, development and applications. The fifth BigMM conference hosted by the National University of Singapore (NUS), will be held at NUSS Guild House in NUS, Singapore from September 11 to 13 in 2019.

The conference solicits high-quality original research papers in any aspect of multimedia big data. Topics include, but are not limited to:

- New theory and models for multimedia big data computing
- Ultra-high efficiency compression, coding and transmission of multimedia big data
- Content analysis and mining of multimedia big data
- Semantic retrieval of multimedia big data
- Deep learning and cloud computing for multimedia big data
- Green computing for multimedia big data (e.g., high efficiency storage)
- Security and privacy in multimedia big data
- Interaction, access, visualization of multimedia big data
- Multimedia big data systems
- Novel and incentive applications of multimedia big data in various fields (e.g., search, healthcare, life sciences, manufacturing, industry, transportation, and retail)

Important Dates

- Regular/ Short Paper Submission: ~~May 26, 2019~~ **June 15, 2019**
- Industry Paper Submission: ~~May 26, 2019~~ **June 15, 2019**
- Demonstration Paper Submission: ~~May 26, 2019~~ **June 15, 2019**
- Paper Notification Acceptance: **July 20, 2019**
- Camera-Ready Papers Due: **July 26, 2019**
- Registration Due: **July 31, 2019**

Submissions

The BigMM uses a double-blind review process for full paper selection. Authors are invited to submit regular/ industry/ workshop papers (double-column 8 pages maximum) and short/ demonstration papers (double-column 4 pages maximum) to present novel theoretical and practical solutions addressing problems with multimedia big data and related applications. Detailed guidelines can be found at the BigMM 2019 website (<http://bigmm2019.org/>). Best papers of the IEEE BigMM 2019 will be recommended for publication to regular call of IEEE Multimedia and invited for publication to the special issues of IJMDEM and IJSC.