

Dr. Jiande Sun is currently the full professor in Shandong Normal University, China. He received his B.E. and Ph.D. degrees from Shandong University, China, in 2000 and 2005 respectively. From Sept. 2008 to Sept. 2009, he was a visiting scholar at Department of Telecommunication Systems of Technical University Berlin where he focused in 3DTV, semantic multimedia and content-based multimedia analysis, video data compression and representation under the supervision of Prof. Thomas Sikora. From Oct. 2010 to March 2013, he was a postdoc at School of Electronics Engineering and Computer Science, Peking University where he researched on visual attention-based 2D-3D video conversion under the supervision of Prof. Wen Gao. From Oct. 2015 to Nov. 2016, he was a visiting scholar at the Language Technology Institute of Carnegie Mellon University with Prof. Alex Hauptmann.

His research interests include multimedia signal processing, multimedia forensics, watermarking, and their applications in social multimedia, healthcare, sports and so on. Various parts of his work have been published in first-tier venues including IEEE TIP, TMM, TCSVT, AAAI, IJCAI, WWW, etc. His google scholar citation is over 4000, and H-index is 31. He was awarded the distinguished doctoral dissertation of Shandong University, the best paper award by the IWVDVT 2005, 2022 IEEE MSA-TC Best Paper Award – Honorable Mention, ICME2018 outstanding reviewer awards, and so on. He served for IEEE ICME, ISCAS, WIFS, ICIP, ACM IH&MMSec, DMIP, ICSINC as program chair, publicity chair, area chair, session chair, etc. He serves as a regular reviewer for IEEE TMM, TCSVT, IEEE ISCAS, ICME, ICASSP, ICIP, and so on. He served as the MSA-TC and IFS-TC member from 2020 until now.

- **Selected Awards:**

1. The Second Prize for Shandong Science & Technology Achievement, 2023 (Rank 1)
2. IEEE MSA-TC Best Paper Award – Honorable Mention, 2022
3. Industry-University Research Cooperation Promotion Award, 2021
4. Outstanding Reviewer Award, ICME2018
5. Outstanding Contribution Award, ICCCS2018

- **Professional Activities:**

1. IEEE Member, CCF Senior Member, CSIG Senior Member
2. IEEE MSA-TC Member, IEEE IFS-TC Member
3. TPC Chair: ICSINC2021, DMIP2022/2023, etc
4. Publicity Chair: IEEE WIFS2023, ICDIP 2022, etc
5. Area Chair: ISVG2021, ICIP2022, ISCAS2022, etc

- **Representative Publications:**

- 1) Lingchen Gu, Ju Liu, Xiaoxi Liu, Wenbo Wan, **Jiande Sun**, Entropy-Optimized Deep Weighted Product Quantization for Image Retrieval, **IEEE TIP**, 33, 1162-1174, 2024
- 2) Ludan Sun, Kai Zhang, Feng Zhang, Wenbo Wan, **Jiande Sun**, Deep Rank-N Decomposition Network for Image Fusion, **IEEE TMM**, 26, 7335-7348, 2024
- 3) **Jiande Sun**, Fanfu Xue, Jing Li, Lei Zhu, Huaxiang Zhang, Jia Zhang, TSINIT: A Two-Stage Inpainting Network for Incomplete Text, **IEEE TMM**, 25, 5166-5177, 2023
- 4) Liming Zou, Jing Li, Wenbo Wan, Q. M. Jonathan Wu, **Jiande Sun**, Robust Coverless Image Steganography Based on Neglected Coverless Image Dataset Construction, **IEEE TMM**, 25, 5552-5564, 2023
- 5) Lingchen Gu, Ju Liu, Xiaoxi Liu, **Jiande Sun**, Deep Loss Driven Multi-Scale Hashing Based on Pyramid Connected Network, **IEEE TMM**, 23, 939-954, 2021