Curriculum Vitae

Bingwen Feng

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• Research Interests •

Multimedia security: Steganography, steganalysis, digital watermarking, signal processing for security application.

AI security: AI model watermarking, adversarial example.

• Representative Papers •

(For full list see: Google Scholar Profile)

[1] Liyan Chen, **Bingwen Feng***, Zhihua Xia, et al. Robust Generative Steganography for Image Hiding Using Concatenated Mappings[J]. IEEE Transactions on Information Forensics and Security, 2025.

[2] Tiewei Qin, **Bingwen Feng***, Bingbing Zhou, et al. JPEG Compression-Resistant Generative Image Hiding Utilizing Cascaded Invertible Networks, IEEE Transactions on Information Forensics and Security，2025.

[3] Lin He, **Bingwen Feng***, Zecheng Peng, et al. Camera-shooting resilient watermarking on image instance level[J]. IEEE Transactions on Circuits and Systems for Video Technology, 2024.

[4] Lin He, **Bingwen Feng***, Zecheng Peng, et al. Removing Hidden Information by Geometrical Perturbation in Frequency Domain[J]. IEEE Transactions on Circuits and Systems for Video Technology, 2024. [J]. IEEE Transactions on Circuits and Systems for Video Technology, 2024.

[5] Zhiquan Liu, Jian Weng, Jianfeng Ma, Jingjing Guo, **Bingwen Feng***, Zhongyuan Jiang, and Kaimin Wei, TCEMD: A Trust Cascading-Based Emergency Message Dissemination Model in VANETs, IEEE Internet of Things Journal, 2019.

[6] Xiaobin Zeng, **Bingwen Feng***, Zhihua Xia, et al. Robust image hiding network with Frequency and Spatial Attentions[J]. Pattern Recognition, 2024.

[7] Fenghua Zhang, **Bingwen Feng***, Zhihua Xia, et al. Conditional image hiding network based on style transfer[J]. Information Sciences, 2024.

[8] Jiancheng Xiao, Shuaichao Wu, **Bingwen Feng***, et al. A robust reversible watermarking scheme using DC prediction and histogram shifting[J]. Signal Processing, 2025.

[9] Bing Chen, Jingkun Yu, Bingwen Feng, et al. Multi-Party Reversible Data Hiding in Ciphertext Binary Images Based on Visual Cryptography[J]. IEEE Signal Processing Letters, 2025.

[10] Hongliang He, Shanxian Lyu, Bingwen Feng. Secure transmission over multiple access wiretap channel by cross-time interference injection[J]. IEEE Transactions on Communications, 2022.

・ Research Grants ・

[1] PI, Research on Generative Image Steganography with Multi-Attribute Balancing (62472199), General Program of National Natural Science Foundation of China (NSFC). Jan 2025 – Dec 2028.

[2] PI, Research on Key Technologies of Image Steganography with Robustness and Anti-Detection Capabilities (61802145). Youth Program of National Natural Science Foundation of China (NSFC). Jan 2019 – Dec 2021.

[3] PI, Key Technologies and Systems for Multi-Dimensional Dynamic Location Privacy Protection (2017YFB0802203). Sub-project, National Key R&D Program of China. Jul 2017 – Dec 2020.

[4] PI, Key Technologies and Systems for Intelligent Perception of Cybersecurity Situational Awareness Based on Big Data (2019B010136003). Sub-project, Key-Area R&D Program of Guangdong Province. Jan 2019 – Dec 2022.

・ Professional Service ・

[1] Guest Editor, Symmetry (ISSN: 2073-8994; CiteScore: Q1).

[2] Organizing Committee Chair, CryptoIC 2023 (China Cryptography Association Annual Conference on Cryptographic Chips).
Poster Chair, ICEA 2021 (2021 ACM International Conference on Intelligent Computing and its Emerging Applications)

[3] Peer Review Activities: *IEEE Transactions on Information Forensics and Security, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Image Processing, IEEE Transactions on Circuits and Systems for Video Technology, Information Fusion, Knowledge-Based Systems, Information Sciences, Signal Processing: Image Communication, Journal of Software (Ruan Jian Xue Bao/软件学报), etc.*
Recognized with a **Certificate of Excellence in Reviewing** from Information Fusion.