

# Hanzhou Wu

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**PRINCIPAL INTERESTS** Information hiding, digital watermarking, steganography/steganalysis, digital forensics, signal processing, deep learning, natural language processing, digital image/video processing, natural language processing, artificial intelligence safety & security etc.

**ACADEMIC BACKGROUND** *Ph.D. Information Security* 2017  
[Southwest Jiaotong University](#), Chengdu 611756, Sichuan, China

*B.Sc. Information Security (Mao Yi-sheng Honors Class, GPA: 2nd place)* 2011  
[Southwest Jiaotong University](#), Chengdu 611756, Sichuan, China

**EMPLOYMENT HISTORY** *Associate Professor* 2021 - Present  
[Shanghai University](#), Shanghai 200444, Shanghai, China

*Assistant Professor* 2019 - 2021  
[Shanghai University](#), Shanghai 200444, Shanghai, China

*Research Scientist* 2017 - 2019  
[Institute of Automation, Chinese Academy of Sciences](#), Beijing 100190, Beijing, China

*Visiting Scholar* 2014 - 2016  
[New Jersey Institute of Technology](#), University Heights, Newark, NJ 07102, USA

**SPECIAL ACHIEVEMENTS** *Selected Awards*

- *Best Presentation Award*, China Media Forensics and Security Workshop, 2021.
- *Outstanding Paper Award*, China Information Hiding Workshop, 2019.
- *China Government Scholarship*, China Scholarship Council, 2014.
- *National Scholarship for PhD Students*, Ministry of Education of China, 2014.
- *Silver Medal*, 36th ACM-ICPC Asia Regional (Chengdu Site), 2011.
- *Silver Medal*, 36th ACM-ICPC Beijing Invitational Programming Contest, 2011.
- *Silver Medal*, “Google Cup” ACM-ICPC Fudan Invitational Contest, 2011.
- *Bronze Medal*, 35th ACM-ICPC Asia Regional (Hangzhou Site), 2010.
- *Bronze Medal*, 35th ACM-ICPC Asia Regional (Tianjin Site), 2010.

*Selected Talks*

- *Keynote speech: Recent Advances in Deep Neural Networks Watermarking*, 14th International Conference on Advances in Multimedia, Barcelona, Spain, 2022.

*Selected Activities*

- *Steering Committee*, 15th International Conference on Advances in Multimedia, Venice, Italy, 2023.

- *Organization Chair*, 14th IEEE International Workshop on Information Forensics and Security, Shanghai, China, 2022.
- *Steering Committee*, 14th International Conference on Advances in Multimedia, Barcelona, Spain, 2022.
- *Lead Guest Editor*, Advances in AI-related Information Forensics and Security, Security and Communication Networks, 2022.
- *Lead Guest Editor*, Information Hiding - New Applications and Solutions, International Journal of Distributed Sensor Networks, 2021.

#### *Refereed Publications*

IEEE Transactions on Image Processing, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Circuits and Systems for Video Technology, IEEE Signal Processing Letters, IEEE Communications Letters, ACM International Workshop on Information Hiding and Multimedia Security, IEEE International Workshop on Information Forensics and Security, IEEE International Conference on Acoustics, Speech, and Signal Processing, IS&T Electronic Imaging, Media Watermarking, Security and Forensics, and others.

#### **RESEARCH FUNDING**

- *PI*, CCF-Tencent Rhino-Bird Young Faculty Open Research Fund, 2022-2023.
- *PI*, Shanghai Chenguang Program, 2019-2022.
- *PI*, National Natural Science Foundation of China, 2019-2022.

#### **TEACHING**

- *Information and Network Security*, Spring
- *Multimedia Security*, Winter

#### **STUDENT SUPERVISION**

4. 2022: Lina Lin (M.Sc.), Jinghui Shi (M.Sc.), Weinan Zhu (M.Sc.)
3. 2021: Xi Jing (M.Sc.)
2. 2020: Shiyi Chen (M.Sc.), Xiaoyan Zheng (M.Sc.), Qiyun Liu (M.Sc.)
1. 2019 (graduated): Biao Yi (M.Sc.), Yuming Wang (M.Sc.)

#### **Publications**

See my [Google Scholar](#) page.