

Resume of Pingping Shang

Basic Information



School : School of Electrical and Electronic Engineering
Gender: Female
Date of Birth: 1986.12
Title: Lecturer
Education: Ph.D
Tutor: Master degree
Email: pingps@hbut.edu.cn
Interest of research: Wireless Communication, Physical Layer Security, Deep Learning.

Academic Background

2004/09- 2008/07, South-Central Minzu University, Bachelor's degree in Computer Science;
2008/09 -2010/07, Chonbuk National University, Master's degree of Electronic Engineering;
2010/09- 2012/03, 2019/03-2021/01, Chonbuk National University, Ph.D of Electronic Engineering.

Oversea visiting

2008/09 -2010/07, 2010/09- 2012/03, 2019/03-2021/01, Master and Ph.D student, Chonbuk National University, South Korea;

Enrollment Information

1. Enrollment Discipline: Master of Electronic Engineering;
2. Research direction: Wireless Communication, Physical Layer Security, Deep Learning;
3. Enrollment Year: 2024-2025.

Representative Projects

- 1.Natural Science Foundation of Hubei Province, "Research on Index Modulation Schemes for RIS aided SWIPT system", Hubei Province, Project leader.
2. Academy of Military Sciences, "Design of anti-interference and anti-interception system", China , Project leader.

Representative Articles

1. Pingping Shang, Junqi Chen et. "A Novel Secrecy Enhancing Scheme for Spatial Modulation in the Presence of Imperfect CSI", in China Communication, 2023.
2. 尚萍萍, 谢忠会, 黄敏, 郑文超, "智能反射面辅助广义空间调整的安全传

- 输方案研究”， 激光杂志， 2023.
3. PingpingShang, Weicheng Yu, Kai Zhang, Xue-Qin Jiang and Sooyoung Kim, “Secrecy Enhancing Scheme for Spatial Modulation Using Antenna Selection and Artificial Noise” , in Entropy, Jun. 2019.
 4. PingpingShang, Hyein Lee and Sooyoung Kim, “Waveform design for space-time coded MIMO systems with high secrecy protection” , Electronics, Nov. 2020.
 5. PingpingShang, Sooyoung Kim and Xue-Qin Jiang, “Efficient Alamouti-Coded Spatial Modulation for Secrecy Enhancing” , Proceedings of International Conference on Information and Communication Technology Convergence (ICTC), Jeju Island, South Korea, Dec. 2019.
 6. PingpingShang, Sooyoung Kim and Kwonhue Choi, “Soft MMSE receiver for turbo coded MIMO system” , Proceedings of International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob) 2011, Wuhan, China, Oct. 2011.
 7. PingpingShang , Sooyoung Kim, “A layered coding scheme for integrated mobile satellite systems” , Proceedings of ICTC, Seoul, South Korea, Nov. 2011.
 8. PingpingShang , Youngmin Kim, Sooyoung Kim and Kwonhue Choi, “Consideration of Soft MIMO Detection for Turbo Codes” , Proceeding of International Conference on Wireless Communications Networking and Mobile Computing (WiCOM), Chengdu, China, Oct. 2010.
 9. PingpingShang , Sooyoung Kim and Kwonhue Choi, “Soft ZF MIMO detection for turbo codes” , Proceeding of International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob), Niagara Falls, ON, Canada, Oct. 2010.
 10. PingpingShang , Unhee Park and Sooyoung Kim, “Evaluation of QO-STBC Schemes for Four Transmit Antenna” , Proceeding of 5th International Conference on Wireless Communications, Networking and Mobile Computing, Beijing, China, Sept. 2009.