**南京邮电大学导师介绍（国际学生）**

**NJUPT Supervisor Introduction（International Students）**

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| **姓名**  **Name** | **张顺外**  **ZHANG Shunwai** | **性别**  **Gender** | **Male** |
| **电话号码**  **Mobile Phone** | **+86 13814015986** | **邮箱**  **E-mail** | **swzhang@njupt.edu.cn** |
| **研究方向**  **Research Direction** | **Beyond 5G/6G; advanced channel coding; intelligent communications** | | |
| **主要研究成果**  **Main Research Results** | **Dr. Zhang’s research interests include Beyond 5G / 6G, Polar codes/LDPC codes, intelligent communications and machine learning. Recently, he has published more than 40 SCI/EI papers in the** **related areas.**  **Dr. Zhang’s research projects are supported by the following foundations:**   1. **National Natural Science Foundation of China,** 2. **Natural Science Foundation of Jiangsu Province,** 3. **China Postdoctoral** **Science Foundation,** 4. **Natural Science Foundation of Jiangsu Higher Education Institutions** 5. **Nanjing University of Posts and Telecommunications Science Foundation, etc.**   **Some** **recent publications:**   1. **Achievable rate analysis and maximisation for the SWIPT-based half-duplex quantise-and-forward cooperation in IoT networks,” IET Communications, 2020, 14(22), pp. 3989-3995** 2. **Multisource SWIPT-based coded cooperation: rate compatible codes and codeword splitting protocol. EURASIP Journal on Wireless Communications and Networking, 2020:54, pp. 1-10** 3. **Energy-harvesting-based RA-coded cooperative MIMO: Codes design and performance analysis. Digital Signal Processing. 2017, 60, pp. 56-62.** 4. **Network-coding-based two -way relay cooperation with energy harvesting. International Journal of Distributed Sensor Networks, 2017, 13(4) pp.1-8.** 5. **Joint design of QC-LDPC codes for coded cooperation system with joint iterative decoding. International Journal of Electronics.. 2016 103(3) pp.384-405.** | | |
| **个人简介**  **Personal Profile** | **证件照Shunwai Zhang (IEEE Member) is an Associate Professor and Master Supervisor in College of Telecommunication and Information Engineering, Nanjing University of Posts and Telecommuni- cations. He received the Ph.D degree in Telecommunications from Nanjing University of Aeronautics and Astronautics, Nanjing, China, in 2014. He joined Nanjing University of Posts and Telecommunications as an Assistant Professor since 2014 and then as an Associate Professor since 2017. From 2016 to 2017, he was a Research Scientist with the Department of Electrical Engineering, University of Texas at Dallas, USA. His research interests include 5G / Beyond 5G, Polar codes/LDPC codes, and green communications. Dr. Zhang is the reviewer of various journals and conferences such as IEEE Trans Commun., IEEE Commun. Lett., IEEE Access, International Journal of Electronics, International Journal of Communication Systems, Wireless Communications and Mobile Computing, Transactions on Emerging Telecommunications Technologies, etc. He is also the Session Chair of some international conferences such as ICCT and ICCCAS.** | | |