

Curriculum Vitae – Wentao Zhou

Contact Information:

Soongsil University

06978 Seoul, South Korea

Tel: +82 (0)10 2891 9070

Email: zhouwt612@gmail.com

EDUCATION

- **03/2018 – Present:** M. E. in Information and Telecommunication Engineering
Soongsil University, Seoul, South Korea
Major: Wireless Communication Systems
Supervisor: Prof. Yoan Shin
- **09/2013 – 07/2017:** B. E. in Electronic Engineering and Automation
Guilin University of Electronic Technology, China
Major: Photoelectric Information Science and Engineering

RESEARCH INTERESTS

Magnetic Induction (MI) Communication, Underwater Wireless Communication, Software Defined Radio (SDR), Reinforcement Learning (RL), Orthogonal Frequency Division Multiplexing (OFDM).

RESEARCH EXPERIENCE

- **03/2018 – Present:** Soongsil University, Engineering Building, South Korea
Research Assistant, Communication & Information Processing (CIP) Lab
Topic: Underwater Magnetic Induction Communication System

AWARDS

- Scholarship, Soongsil University, 2018-Present.
- Scholarship, Guilin University of Electronic Technology, 2017.

PUBLICATIONS

• Conference Papers

- [C2] **W. Zhou**, S. Wang, and Y. Shin, “Dynamic Channel Modeling for Underwater Magnetic Induction Communication,” *Proc. IEEE APWCS2019*, Singapore, Aug. 2019.
- [C1] **W. Zhou** and Y. Shin, “Application of OFDM in Underwater Magnetic Induction Communication,” *Proc. IEEE ICOIN2019*, Kuala Lumpur, Malaysia, Jan. 2019.

PRESENTATIONS

- [2] **W. Zhou**, Y. Shin, “Gender Identification by Backpropagation Neural Network and Fundamental Frequency of Speech Signal,” KICS 2019 Summer Conference, Jun. 2019.

- [1] **W. Zhou**, Y. Shin, “The inverse of skin depth impact on underwater magnetic induction communication,” KICS 2019 winter conference, Jan. 2019.