

# Zikun Tan

## Personal Curriculum Vitae

Room 131, Building 33, Ben-Gurion University of the Negev, David Ben-Gurion Blvd, Be'er Sheva, Israel

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## Biography

I am currently a PhD student in Prof. Ron Dabora's group in the Department of Electrical & Computer Engineering, Ben-Gurion University of the Negev, Be'er Sheva, Israel.

My research interests include signal processing, wireless communications & information theory.

## Education

PhD Electrical & Computer Engineering  
Ben-Gurion University of the Negev

Oct. 2021 - Present  
Be'er Sheva, Israel

Advisor: Prof. Ron Dabora

Committee Members: Prof. Omer Gurewitz, Dr. Nir Shlezinger, Dr. Wasim Huleihel (Tel-Aviv University)

MS Electrical Engineering  
Northwestern University

Sep. 2019 - Mar. 2021  
Evanston, IL, USA

BEng Electrical & Electronic Engineering  
University of Liverpool

Sep. 2017 - Jun. 2019  
Liverpool, UK

BEng Telecommunications Engineering  
Xi'an Jiaotong-Liverpool University

Sep. 2015 - Jun. 2019  
Suzhou, Jiangsu, P. R. China

## Publications

### Conference Papers

[C1] Z. Tan, R. Dabora, and H. V. Poor, “**On the Rate-Distortion Function for Sampled Cyclostationary Gaussian Processes with Memory**”, Proceedings of the IEEE International Symposium on Information Theory (ISIT), July 2024, Athens, Greece.

[C2] Z. Tan, R. Dabora, and H. V. Poor, “**The Rate-Distortion Function for Sampled Cyclostationary Gaussian Processes with Memory and with Bounded Processing Delay**”, accepted by the IEEE International Symposium on Information Theory (ISIT), 2025.

## Awards

### Student Travel Grant

· 2024 IEEE International Symposium on Information Theory.

Jun. 2024

### High-tech, Bio-tech and Chem-tech Doctoral Fellowship

· For excellent new PhD students with STEM fields in Ben-Gurion University of the Negev.

Oct. 2021

## Membership

IEEE Graduate Student Member

## Personal Information

CITIZENSHIP: People's Republic of China

LANGUAGES: Chinese, English

PLACE OF BIRTH: Hefei, Anhui, P. R. China

DATE OF BIRTH: December 27th, 1996

Updated on April 15, 2025