

Zikun Tan

Personal Curriculum Vitae

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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 (Chair), 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

Submissions

[S1] Z. Tan, R. Dabora, and H. V. Poor, "**Rate-Distortion Analysis for Sampled Correlated Cyclostationary Gaussian Processes**", submitted to the *IEEE Transactions on Communications*.

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

· 2025 IEEE International Symposium on Information Theory.

Apr. 2025

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.

Sep. 2021

Membership

IEEE Graduate Student Member

IEEE Information Theory Society Student Member

Personal

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 May 3, 2025