

# Haoyue TANG

## PERSONAL DATA

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## EDUCATION

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AUG 2017-CURRENT **Tsinghua University**, Beijing, China  
PhD student in Information and Communications  
AUG 2013-JUL 2017 **Tsinghua University**, Beijing, China  
Bachelor of Engineering (88/100, rank 56/260)| Department of Electronic Engineering  
FALL 2015/16 Technische Universität München, Bayern, Deutschland  
Exchange Student in the Department of Electrical and Computer Engineering

## RESEARCH INTERESTS

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Age of Information, Private Information Retrieval, Stochastic Network Optimization

## PUBLICATIONS

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**Haoyue Tang**, Jintao Wang, Linqi Song and Jian Song, "Scheduling to Minimize Age of Information in Multi-state Time-Varying Networks with Power Constraints, submitted to IEEE Journal on Selected Areas in Communications. (A shorter version submitted to Allerton 2019).

**Haoyue Tang**, Jintao Wang, Zihan Tang and Jian Song, "Scheduling to Minimize Age of Synchronization in Wireless Broadcast Networks with Random Updates," submitted to IEEE Transactions on Wireless Communications. (A shorter version to appear in 2019 ISIT)

**Haoyue Tang**, Jintao Wang and Longzhuang He, Off-Grid Sparse Bayesian Learning Based Channel Estimation for MmWave Massive MIMO Uplink. IEEE Wireless Commun. Letters 8(1): 45-48 (2019)

## SERVICES

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**Reviewer**, IEEE Journal on Selected Areas in Communications, Communication Letters, Wireless Communication Letters, Transactions on Broadcasting

**Reviewer**, IEEE ICC2019

**Undergraduate Tutor**, Department of Electrical Engineering, Tsinghua University, 2017.9-2019.7

**Tutor**, Tsinghua University Sports Team, Tsinghua University, 2019.7-Current.

## AWARDS

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APR. 2019 Stars of EE Department (Highest Honor for Graduate Student in EE Department for Research Excellence and Specialities), Tsinghua University  
DEC. 2016 Undergraduate Academic Research Promotion Excellent Project  
OCT. 2016 Zhou Huiqi Scholarship, Tsinghua University  
DEC. 2015 Student Research Training Second Prize, Tsinghua University  
OCT. 2015 Zhou Huiqi Scholarship, Tsinghua University  
MAY. 2015 China Scholarship Council Excellent **Undergraduate** Fellowship  
DEC. 2014 **Second Prize** in non-physics specialties group, Beijing College Physics Competition  
**Oct.** 2014 Scholarship for **Academic Excellence**(Zhou Huiqi Scholarship), Tsinghua University  
**Oct.** 2014 Scholarship for **Science and Innovation**, Tsinghua University  
**Oct.** 2014 Scholarship for **Physical Excellence**, Tsinghua University  
**Nov.** 2012 Silver Medal in 29th National Physics Olympics Contest(Ranking 61 out of 92000)

## LANGUAGES

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ENGLISH: Excellent listening, speaking, reading and writing abilities  
TOEFL 105(Reading 28 Listening 25 Speaking 23 Writing 29)  
DEUTSCH: Intermediate Knowledge(B1 Standard), CET-4 passed