



*entropy*

Dear Colleagues,

We are pleased to announce that the winner of the *Entropy* 2022 Young Investigator Award is Dr. Xiao Yuan.

Dr. Xiao Yuan is currently an Assistant Professor at the Center on Frontiers of Computing Studies, Peking University, China. He received his Bachelor's degree in theoretical physics from Peking University in 2012 and got his PhD in physics from Tsinghua University in 2016. Then, he worked as a postdoc at the University of Science and Technology China in 2017, at Oxford University from 2017 to 2019, and at Stanford University from 2019 to 2020. Dr. Xiao Yuan's research interests focus on quantum information science, from fundamental quantum information theory to quantum computing and quantum simulation. He is currently working on quantum computing for near-term quantum computers, focusing on the basic theories and the applications for solving practical problems and realizing quantum advantages in the noisy intermediate-scale quantum era. Dr. Xiao Yuan has an outstanding publication record, comprising 76 publications in peer-reviewed international journals and 6 patents.

## 2022 YOUNG INVESTIGATOR AWARD

# WINNER

As the awardee, Dr. Xiao Yuan will receive an honorarium of CHF 2000, an offer to publish a paper free of charge before 31 December 2023 in *Entropy* after peer review, and an electronic certificate.

We would like to thank all the nominators from various fields of study for their participation and all the Award Committee Members for their evaluation of the many excellent nominations.

Prof. Dr. Kevin H. Knuth  
Editor-in-Chief, *Entropy*