

Yuan Wang

PERSONAL DATA

Date of birth: 28 January 1994
Nationality: People's Republic of China
Gender: Male
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EDUCATION

September 2018-July 2023: PhD in Physics, University of Southampton
September 2017-July 2018: Master's Degree (M2), University of Ferrara
September 2016-July 2017: Master's Degree (M1 General Physics), Paris-Saclay University
September 2012-July 2016: Bachelor's Degree in Physics, Anhui Normal University

SPOKEN LANGUAGES

- Chinese: Native
- English: Fluent

COMPUTER SKILLS

Matlab, Mathematica, Python, C++, CUDA

RESEARCH INTEREST

Exciton-polariton condensates, Parallel computation, Machine learning

PUBLICATIONS

4. K. Sawicki, D. Dovzhenko, Y. Wang, H. Sigurðsson and P. G. Lagoudakis, *Power-driven Zeeman suppression and inversion in exciton-polariton condensates*, Manuscript in Preparation (2023)
3. Y. Wang, P. G. Lagoudakis, and H. Sigurdsson, Enhanced coupling between ballistic exciton-polariton condensates through tailored pumping, *Physical Review B* **106**, 245304 (2022)
2. Y. Wang, H. Sigurdsson, J. D. Töpfer, and P. G. Lagoudakis, *Reservoir optics with exciton-polariton condensates*, *Physical Review B* **104**, 235306 (2021)
1. Y. Wang and S. De Liberato, *Theoretical proposals to measure resonator-induced modifications of the electronic ground state in doped quantum wells*, *Physical Review A* **104**, 023109 (2021)