

Kadir ÇEVEN

PERSONAL INFO

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RESEARCH INTERESTS

non-equilibrium quantum many-body physics, quantum chaos, eigenstate thermalization hypothesis, non-integrable quantum many-body systems, relaxation timescales to thermal equilibrium, neural quantum states

EXPERIENCE

JUL. 2022	Intern @ TECHNISCHE UNIVERSITÄT MÜNCHEN, Germany
JUN. 2022	<i>Mendl group</i> Advisors: Christian B. MENDL, Irene López GUTIÉRREZ
AUG. 2019	Intern @ JOHANNES GUTENBERG-UNIVERSITÄT MAINZ, Germany
JUL. 2019	<i>Project 8</i> Advisors: Sebastian BÖSER, Alec LINDMAN

EDUCATION

2023-	Ph.D. in Physics @ GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN, Germany Advisor: Fabian HEIDRICH-MEISNER
2021-2023	M.Sc. in Physics @ BILKENT UNIVERSITY, Turkey <i>Cumulative GPA: 3.91/4.00</i> Thesis: Neural-network quantum states for a two-leg Bose-Hubbard ladder under a synthetic magnetic field Advisors: M. Özgür OKTEL, Ahmet KELEŞ
2016-2021	B.Sc. in Physics @ BILKENT UNIVERSITY, Turkey <i>Cumulative GPA: 3.58/4.00 & Rank: 3/26 & Magna Cum Laude</i>

PUBLICATIONS & PREPRINTS

K. Ç., L. Peinemann, and F. Heidrich-Meisner, *Hierarchy of timescales in a disordered spin-1/2 XX ladder*, [arXiv:2502.04152 \[cond-mat.stat-mech\]](#) (2025).
K. Ç., M. Ö. Oktel, and A. Keleş, *Neural-network quantum states for a two-leg Bose-Hubbard ladder under magnetic flux*, *Phys. Rev. A* **106**, 063320 (2022).

TEACHING

<i>Current</i> OCT. 2024	Teaching assistant @ GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN, Germany <i>Masterseminar: Nonequilibrium physics in closed quantum many-body systems</i> <i>Methods of Computational Physics</i>
2021-2023	Lab assistant @ BILKENT UNIVERSITY, Turkey <i>Modern Physics (PHYS 212)</i> <i>General Physics I and II (PHYS 101-102)</i>

AWARDS & SCHOLARSHIPS

2022-2023		2210-A National MSc/MA scholarship , THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY (TÜBİTAK), Turkey
2016-2023		Full scholarship , BILKENT UNIVERSITY, Turkey
2020-2021		BTF Bilkent scholarship , BRIDGE TO TÜRKİYE FUND, USA
2018-2021		Honour and high honour degrees , BILKENT UNIVERSITY, Turkey
2019		PRISMA+ Internship Program's grant , JOHANNES GUTENBERG-UNIVERSITÄT MAINZ, Germany

LANGUAGES

TURKISH: Native
 ENGLISH: Advanced

COMPUTER SKILLS

Basic Knowledge: C#, TensorFlow
 Intermediate Knowledge: HTML, CSS, JavaScript, JAX
 Advanced Knowledge: Julia, Python, MATLAB