

CV of János Török

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Personal data

Name	János Török
Position	Associate professor
Current institution	Department of Theoretical Physics, Institute of Physics, Budapest University of Technology and Economics H-1111 Budapest, Budafoki út 8, Hungary
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Phone	+36 1 463 41 07
Date of birth	1972

Education

1996	MSc in Physics, Eötvös University Budapest
1997	MSc as French scientific translator, Eötvös University Budapest
1997	DEA de Dynamique des Fluides et des Transferts, Paris VI-Paris Sud
2000	PhD in Physics ("Shearing of granular materials") Budapest University of Technology and Economics

Employment

2012-	Associate professor	Department of Theoretical Physics, BME
2009-2011	Postdoctoral researcher	Computational and Statistical Physics Group, University Duisburg-Essen
2006-2009	Expert	Centre of Information Technology, BME
2003, 2005	Assistant professor	Department of Chemical Information Technology, BME
2004, 2006	Postdoctoral researcher	Computational and Statistical Physics Group, University Duisburg-Essen
2001-2002	Postdoctoral researcher	Department of Theoretical Physics, BME
2000-2001	Postdoctoral researcher	Weizmann Institute of Science, Israel

Awards and prizes

2014	'Teaching Excellence' award, (Faculty of Sciences, BME)
2017	Jánosy Lajos award, (Roland Eötvös Physical Society)
2018	'Teaching Excellence' award, (Faculty of Sciences, BME)
2025	'Teaching Excellence' award, (Faculty of Sciences, BME)

Teaching activity

- Theoretical Physics (Mechanics, Electrodynamics, Quantum mechanics, Statistical physics)
- Vector calculus
- Computer simulations in physics
- Numerical methods
- Machine learning
- Artificial intelligence
- Agent based modelling
- Complex networks

Memberships and professional service

- 2013: Member of the physics jury of the Hungarian National Science Foundation, OTKA
- 2022-: Head of the Statistical Physics Section of the Roland Eötvös Physical Society

Languages

English (master), French (master), German (intermediate)

Scientific impact (as of 22/02/2026)

65 papers in refereed journals

Total number of citations: 1890

H-index: 25

Complete list of publications: <https://scholar.google.hu/citations?user=qP9SKxcAAAAJ>