

RESEARCH INTERESTS

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Discrete mathematics (combinatorics, design theory, graph theory)
Scientific computation (exhaustive generation, Gröbner basis computation)
Packing problems in Euclidean spaces (equiangular lines, s-distance sets)
Matrix theory (real and complex Hadamard matrices and their applications)

PERSONAL

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Date of birth : 1985 (昭和 60 年)
Nationality : Hungary
Current address: Matsue, Shimane, Japan

EMPLOYMENT

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2020 ~ Lecturer, Shimane University, Japan
2015 ~ 2019 Postdoctoral researcher, Aalto University, Finland
2012 ~ 2014 JSPS Postdoctoral researcher, Tohoku University, Japan
2012 (3 months) Visiting researcher, Chonbuk National University, Korea
2004 ~ 2012 Teaching assistant, Budapest U. of Technology, Hungary

EDUCATION

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2008 ~ 2012 PhD in mathematics, Central European University, Hungary
2011 (3 months) Visiting student, University of Manitoba, Canada
2003 ~ 2008 MSc in mathematics, Budapest U. of Technology, Hungary
1995 ~ 2002 High school, Lehel Vezer Gimnazium, Hungary

AWARDS

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2012 Grünwald Géza memorial medal (the János Bolyai mathematical society)
2008 Rényi Kató memorial award (the János Bolyai mathematical society)

SERVICE

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2017 co-organizer of the 5th workshop on real and complex Hadamard
matrices and applications, Budapest, Hungary
2016 co-organizer of the 12th Nordic combinatorial conference,
Levi, Finland

STUDENT SUPERVISION

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2023 ~ 5 undergraduate students, and 1 Master's student at Shimane Univ.
2022 3 undergraduate students at Shimane University
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2019 Mikhail Ganzhinov, research student, Aalto University
2018 Tien H. Pham, MSc thesis: Target Marketing in Digital Gambling