

Makoto Yamashita | 山下 真

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🔗 wVIHHmAAAAAJ

Research interest: noncommutative geometry, quantum groups, operator algebras

Education

The University of Tokyo, School of Science, Department of Mathematics Bachelor of Science (Mathematics)	2002–2006
The University of Tokyo, Graduate School of Mathematical Sciences Master of Science (Mathematical Sciences)	2006–2008
The University of Tokyo, Graduate School of Mathematical Sciences PhD in Mathematical Sciences	2008–2011

PhD thesis

Title: *Deformation of torus equivariant spectral triples*

Supervisor: Yasuyuki Kawahigashi

Employment

EU-NCG network, Cardiff University Marie Curie Early Stage Researcher (Predoc researcher)	Wales, UK 2011
Università degli Studi di Roma “Tor Vergata” Assegnista (Postdoc researcher)	Italy 2011–2012
Ochanomizu University Assistant Professor	Japan 2012–2017
Ochanomizu University Associate Professor	Japan 2017–2018
University of Oslo Associate Professor	Norway 2018–current

Awards

MSJ Takebe Katahiro Prize (日本数学会賞建部賢弘特別賞) The Mathematical Society of Japan	2016
The Young Scientists’ Prize (若手科学者賞) The Ministry of Education, Culture, Sports, Science and Technology (文部科学省) The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology (科学技術分野の文部科学大臣表彰)	2018
Operator Algebra Prize (作用素環賞) 作用素環後援会	2024
Søstrene Dals pris Professor Ingerid Dal og Søster Ulrikke Greve Dals Stiftelse	2025

Grants

DC1 fellowship, PI

The Japan Society for the Promotion of Science 2008–2011
<https://kaken.nii.ac.jp/ja/grant/KAKENHI-PROJECT-08J00656/>

Grant-in-Aid for Young Scientists (B), PI

The Japan Society for the Promotion of Science 2013–2015
<https://kaken.nii.ac.jp/ja/grant/KAKENHI-PROJECT-25800058/>

稲森財団研究助成, PI

稲森財団 2018

Grant-in-Aid for Young Scientists, PI

The Japan Society for the Promotion of Science 2018–2022
<https://kaken.nii.ac.jp/ja/grant/KAKENHI-PROJECT-18K13421/>

An Analyst's Path to Quantum Symmetry, Member

Research Council of Norway 2020–2024
<https://www.mn.uio.no/math/english/research/projects/quantum-symmetry/index.html>

Mathematics for quantum computation and many-body theory, Member

Research Council of Norway 2022–2026
<https://www.mn.uio.no/math/english/research/projects/qombine/index.html>

Homological Invariants of Deformations of Groups and Algebras, Supervisor

Marie Skłodowska-Curie Actions, European Union 2023–2026
<https://www.mn.uio.no/math/english/research/projects/hidra/index.html>

Centre for Quantum Computing and Applications, Member

Research Council of Norway 2026–2031

Supervision

PhD students.....

Megumi Kitagawa

Ochanomizu University 2017–2020

Floris Elzinga

University of Oslo 2019–2022

Erik Habbestad

University of Oslo 2019–2023
secondary supervisor

Lucas Y. Hataishi

University of Oslo 2020–2023

Francesca La Piana

University of Oslo 2023–2026
secondary supervisor

Hannes Wendt

University of Oslo 2024–2027

Postdoc researchers.....

David Jaklitsch

University of Oslo 2023–2026

Valerio Proietti

University of Oslo 2023–2026

Teaching experience

Teaching assistant

The University of Tokyo, Department of Mathematics 2006–2008

Assistant / Associate Professor

Ochanomizu University, Department of Mathematics 2012–2018
Lectures at undergraduate and graduate levels, graduate student supervision

Associate Professor

University of Oslo, Department of Mathematics 2018–current
Lectures at undergraduate and graduate levels, graduate student and postdoc supervision

Languages

Japanese: native speaker

English: fluent

Norwegian: good working knowledge

French: good working knowledge

Long term visits

Visiting researcher

Institut de Mathématiques de Jussieu Paris 2009

Visiting researcher at Institut for Matematiske Fag

Københavns Universitet 2011

Visiting researcher at Mathematical Sciences Institute

Australian National University 2011

Visiting researcher at Institut for Matematiske Fag

Københavns Universitet 2012–2013

Visiting Lecturer at Institut for Matematiske Fag

Københavns Universitet 2015–2016

Junior Professor at Instytut Matematyczny

Polskiej Akademii Nauk 2016
Simons Semester: Noncommutative geometry the next generation

Visitor at Research Institute for Mathematical Sciences

University of Kyoto 2023

Visitor at School of Mathematics

University of Glasgow 2023

Visiting Professor at Department of Mathematics

Sapienza University of Rome 2023