

Curriculum Vitæ

Makoto Yamashita

Date of birth: January 15, 1984

Nationality: Japan

Contact

Address Graduate School of Mathematical Sciences
The University of Tokyo
3-8-1 Komaba, Meguro, Tokyo, 153-8914
Japan

Phone (+81) 3-5465-7082

e-mail makotoy@ms.u-tokyo.ac.jp

Website <http://www.ms.u-tokyo.ac.jp/~makotoy/>

Education

2002 - 2006 BS in Mathematics
The University of Tokyo, School of Science, Department of Mathematics

2006 - 2008 MS in Mathematics
Thesis: *Cyclic cohomology of foliation algebras*
Supervisor: Yasuyuki Kawahigashi
The University of Tokyo, Graduate School of Mathematical Sciences

2008 - Enrolled in PhD course in Mathematics
Supervisor: Yasuyuki Kawahigashi
The University of Tokyo, Graduate School of Mathematical Sciences

Experience

2006 - 2008 Teaching Assistant
The University of Tokyo, Department of Mathematics
Course: Computational Mathematics

Grants

2008 - 2011 The Japan Society for the Promotion of Science, DC1 fellowship

Research Interest

Noncommutative geometry and operator algebras

Papers

- 2008** *Cyclic cohomology of foliation algebras*, Master thesis, the University of Tokyo, Graduate School of Mathematical Sciences
- 2009** *Subfactors arising from asymptotic representations of symmetric groups*, preprint available at <http://arxiv.org/abs/0912.0820>
- 2010** *Connes-Landi deformation of spectral triples*, preprint available at <http://arxiv.org/abs/1006.4420>

Presentations

- 2006** *An introduction to analytic endomotives (after Connes-Consani-Marcolli)*, Operator Algebra Seminars, University of Tokyo on Dec 7
- 2007** *Affine Holonomy Foliations*, Operator Algebra Seminar, University of Tokyo on June 7
- Periodic cyclic (co)homology of foliation algebras*, Functional Analysis Junior Workshop on Sept. 10
- Cup product on the periodic cyclic cohomology of foliation algebras*, Keio Geometry Seminar on Dec. 10
- 2008** *Cup product on the periodic cyclic cohomology of foliation algebras*, Operator Algebra Seminar, University of Tokyo on Jan. 17
- Affine holonomy foliations*, RIMS workshop on Operator algebra and mathematical physics on Jan. 23
- Operator Algebra of Transversely Affine Foliations*, Japan Math Society annual meeting, Mar. 2008
- Right handed vector fields on homogeneous 3-manifolds*, Séminaire Algèbres d'Opérateurs, Institut de Mathématiques de Jussieu on Nov. 27
- 2009** *Right handed vector fields on homogeneous 3-manifolds*, International Workshop on Noncommutative Geometry and Physics, Keio University, Feb. 18
- Subfactors arising from asymptotic representations of symmetric groups*, “Geometry and Analysis” conference, Université Paris 6, Dec 22
- 2010** *Spectral Triples after Connes*, RIMS Joint Research “Operator algebras and geometry of singular points,” Research Institute for Mathematical Sciences, Kyoto University, Jan. 27
- Connes-Landi deformation of spectral triples*, Differential geometry seminar, Kyoto University, May 11
- Connes-Landi deformation of spectral triples*, RIMS workshop on operator algebras, Kyoto University, Sept. 2