

Glen B. Evenbly – Curriculum Vitae

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| Location | Département de physique, Université de Sherbrooke | Email Webpage | glen.evenbly@usherbrooke.ca www.glenevenbly.com |
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Employment

Assistant Professor, Université de Sherbrooke, Sherbrooke, Oct 2016 - current.

Simons Foundation Postdoctoral Fellow, University of California, Irvine, Sep 2014 - Sept 2016.

Sherman-Fairchild Prize Postdoctoral Scholar, California Institute of Technology, Sep 2011 - Sep 2014.

Education

PhD Physics, University of Queensland, 2010.

Thesis: Foundations and Applications of Entanglement Renormalization.

Supervisors: Professor Guifre Vidal (primary), Dr John Fjaerestad (secondary).

BSc (Hons-1st) Applied Mathematics, University of Auckland, 2007.

BSc Physics and Mathematics, University of Auckland, 2005.

Awards

Visiting Fellowship at Perimeter Institute, 2017-2020.

IUPAP Young Scientist Prize in Computational Physics, 2017.

Sherman-Fairchild Prize Postdoctoral Scholarship in Theoretical Physics, Caltech 2011.

University of Queensland Dean's Award for Outstanding Thesis, 2010.

Teaching and Conference Organization

Organizer: Tensor-Network Methods: Structure, Applications and Holography (Stony Brook University, 2017).

Invited lecturer: European Tensor Network School (University of Ghent, 2017).

Lecturer: Physics 839, Tensor Network Methods (Graduate course at the University of Sherbrooke, 2017-2018).

Invited lecturer: 16th Canadian Summer School on Quantum Information (Jouvence, 2017).

Invited lecturer: Tensor Network Summer School (University of Ghent, 2015).

Invited lecturer: Density Matrix Renormalization Group Winter School (Taiwan National University, 2012).

Presentations

Number of international conferences / workshops attended as an invited speaker: 22

Locations include: **Pohang University of Science and Technology** (2017), **Université Pierre et Marie Curie** (2017), **Stony Brook University** (2017), **Perimeter Institute** (2017,2015,2013,2011), **Kyoto University** (2016,2010), **University of California Santa Barbara** (2016), **University of Tokyo** (2016,2013), **University of Michigan** (2015), **University of Ghent** (2015), **Kavli Institute of Theoretical Physics** (2015), **Chinese Academy of Sciences Beijing** (2014), **RIKEN Advanced Institute for Computational Science** (2013), **National Taiwan University** (2013,2012), **Centro de Ciencias de Benasque** (2012), **University of Queensland** (2012).

Publications

Total number of publications (as of December 2017): **32**

Number of publications with first authorship: **24**

Number of first authorship publications in Physical Review Letters: **9**

Research Interests

Tensor network methods and numerical simulation algorithms, quantum information and entanglement, quantum many-body physics and phase transitions.