

# Workshop on Subfactor Theory, Quantum Field Theory, and Quantum Information



October 8-10, 2016 Harvard University Cambridge, MA

This workshop will highlight recent progress within these subjects, as well as new discoveries that relate them. Our aim is to encourage discussion among experts in different fields, as well as to highlight some fundamental open problems. The participants span a wide range of expertise, so we expect speakers to make an effort to communicate to a broad audience. We hope to connect familiar coworkers with potential new collaborators. We are happy to have students attend.

## Local information

Lectures will be held in the Jefferson Laboratory, close to 17 Oxford Street, Cambridge, MA 02138.

# Participants include:

Jacob Biamonte
Dietmar Bisch
Marcel Bischoff
Matthew Buican
Matthias Christandl
Bob Coecke
Sayan Das
Giovanni Felder
Michael Freedman
Terry Gannon
Liming Ge
Bin Gui
Don Hadwin
Amar Hadzihasanovic

Amar Hadzihasanovic Aram Harrow André Henriques Arthur Jaffe Christian Jäkel

Bas Janssens Vaughan Jones Palle Jorgensen Victor Kac

Yasuyuki Kawahigashi

Mark Kon Liang Kong Zhengwei Liu Roberto Longo Karl-Hermann Neeb

\* - tentative

Adrian Ocneanu Gestur Olafsson Tobias Osborne Dave Penneys Yunxiang Ren Renato Renner Nicolai Reshetikhin David Reutter Christoph Schweigert Jayant Shah

Jayant Shah Shamil Shakirov Jun Hao Shen

Peter Shor\* Dimitri Shlyakhtenko Stas Smirnov Noah Snyder Thomas Spencer

Thomas Spencer
James Tener
Guifré Vidal
Thomas Vidick
Kevin Walker
Jonathan Weitsman
Hans Wenzl

Alex Wozniakowski Jinsong Wu Feng Xu Zoltan Zimboras

# Schedule

<u>Saturday 9:00-5:00, October 8 (Registration Lyman Hallway; Coffee Lyman 330; Talks: Jefferson 250)</u>
<u>Paul C. Martin memorial talk, 11AM</u>

Sunday 9:00-5:30, October 9

Monday 9:00-12:00, October 10

Follow this link for a detailed **Schedule** 

# Organization

The organizers are Arthur Jaffe, Vaughan Jones, and Zhengwei Liu. For logistical questions, please contact:

Barbara Drauschke 17 Oxford Street, Cambridge, Massashusetts 02138, USA drauschke@fas.harvard.edu +1 617-495-2895

## Acknowledgements

We gratefully acknowledge support by Harvard University and the Templeton Charity Foundation Switzerland

last modified: 9/23/2016