



ASPEN CENTER FOR PHYSICS

2018 WINTER CONFERENCE

QUANTUM KNOT HOMOLOGY AND SUPERSYMMETRIC GAUGE THEORIES

March 4-10, 2018

Sunday evening reception

Meetings Monday through Saturday noon

This conference is devoted to the study of quantum knot homologies and related invariants. The name of this area of research already indicates that this is an interdisciplinary topic: such homologies are of interest to mathematicians (in particular topologists and representation theorists), while quantum phenomena have in principle their origin in physics. There are communities of both mathematicians and physicists who work on these topics from different perspectives, they use different tools, and sometimes the same tools but described in different languages. The main aim of the conference is to bring researchers from those two communities together, establish a common language and explain important results to each other, summarize the status of the field, and specify goals and set a common program for future research.

Application deadline is December 15, 2017

Please complete your application at:

<http://www.aspenphys.org/physicists/winter/winterapps.html>

Conference website: <http://aspen2018.fuw.edu.pl/>

ORGANIZERS:

Sergei Gukov, California Institute of Technology

*Mikhail Khovanov, Columbia University

Andrew Lobb, Durham University

Piotr Sułkowski, University of Warsaw

**Denotes physicist in charge of diversity*

Proposals for the 2019 Winter Conferences are invited and must be submitted by January 15, 2018

The Aspen Center for Physics is committed to a significant participation of women and under-represented groups in all of its programs.

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