

Conference on **SPINS IN A QUANTUM 1D MULTI-PARTICLE ENVIRONMENT:  
FROM EXOTIC PHASES AND NON-TRIVIAL TOPOLOGY TO PROTECTED TRANSPORT**

Ludwig-Maximilians-Universität München (LMU), 2-5 September 2019

The conference will concentrate on low dimensional systems, where direct and indirect spin interactions can play the crucial role. It will bring together theoreticians and experimentalists from various communities working on hot and exciting topics, such as:

- Kondo- and Kondo-Heisenberg Chains
- Spin liquids, Spin dynamics and transport
- Protected states & transport in topological insulators
- Protected states & topological phases in interacting systems
- Topological Kondo effect and Majorana fermions

**Conference Speakers**

A. Altland (University of Cologne, D)	R. Konik (BNL, USA)
A. Auerbach (Technion, IL)	D. Loss (University of Basel, CH)
D. Bagrets (University of Cologne, D)	A. Mirlin (Karlsruhe Inst. of Techn., D)
I. Bloch (LMU, D)	L. Molenkamp (University of Würzburg, D)
P. Brouwer (Freie Universität Berlin, D)	Ch. Mudry (Paul Scherrer Institute, CH)
I. Burmistrov (Landau Institute, RU)	F. von Oppen (Freie Universität Berlin, D)
J. von Delft (LMU, D)	Yu. Oreg (Weizmann Institute, IL)
S. Fölling (LMU, D)	M. Oshikawa (University of Tokyo, JP)
M. Foster (Rice University, USA)	O. Starykh (University of Utah, USA)
Yu. Gefen (Weizmann Institute, IL)	A. Weichselbaum (BNL, USA)
T. Giamarchi (University of Geneva, CH)	A. Yazdani (Princeton University, USA)
L. Glazman (Yale University, USA)	I. Zaliznyak (BNL, USA)
M. Hafezi (University of Maryland, USA)	D. Zumbühl (University of Basel, CH)
J. Klinovaja (University of Basel, CH)	

**Organizers**

A. Tsvelik (BNL, USA)  
R. Egger (Heinrich-Heine University, D)  
V. Yudson (HSE & RQC & ISAN, RU)  
O. Yevtushenko (LMU, D)

The program will also include a number of selected contributed talks. A poster session will be organized.

There will be **no conference fee**. A limited number of grants can be offered to support the attendance of selected young participants who have no other possibility to cover travel expenses.

**To apply:** send a brief e-mail to Oleg Yevtushenko ([Oleg.Yevtushenko@lmu.de](mailto:Oleg.Yevtushenko@lmu.de)). The application should contain your affiliation & position, the title & abstract and the preferable type of your presentation.

**Deadline** 15 July 2019.

**web-page:** [https://www.theorie.physik.uni-muenchen.de/lsvondelft/conferences/conference\\_spins\\_quantum/index.html](https://www.theorie.physik.uni-muenchen.de/lsvondelft/conferences/conference_spins_quantum/index.html)

