

International School/Workshop

Anyon Physics of Ultracold Atomic Gases

Lectures:

Vanderlei Bagnato (Sao Carlos, Brazil):

Global thermodynamic variables for a trapped Bose gas

Erez Berg (Rehovot, Israel):

Anyonic defects: A new paradigm for non-Abelian statistics

Jelena Klinovaja (Basel, Switzerland):

Exotic bound states in low dimensions:

Majorana fermions and parafermions

Stephane Ouvry (Paris, France):

Anyons and lowest Landau level anyons

Edina Szirmai (Budapest, Hungary):

*Stability of time-reversal symmetry breaking spin liquid states
in high-spin fermionic systems*

Matteo Rizzi (Mainz, Germany):

Majorana fermions, Pfaffian states and Ising anyons

Andrij Rovenchak (Lviv, Ukraine):

Fractional statistics: A retrospective view;

Two-parametric fractional statistics models for anyons



Location:

Erwin Schrödinger Straße, Gebäude 57 (Rotunde),
Technische Universität Kaiserslautern, Germany

Date:

December 12 - 15, 2014

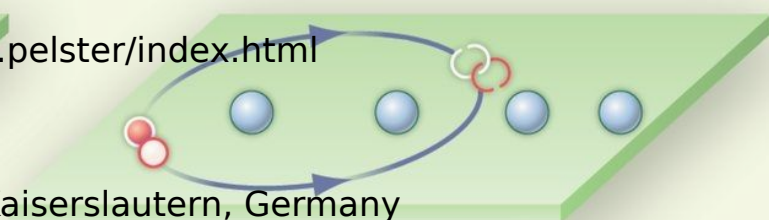
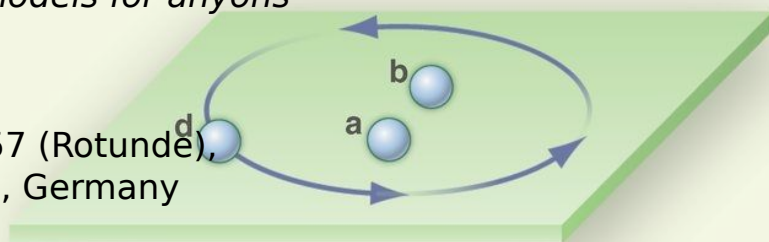
Further information:

<http://www-user.physik.uni-kl.de/axel.pelster/index.html>

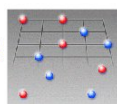
Scientific organizers:

Axel Pelster, Technische Universität Kaiserslautern, Germany

Bakhodir Abdullaev, National University of Uzbekistan, Uzbekistan



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SFB/Transregio 49

Frankfurt – Kaiserslautern – Mainz
Condensed matter systems with variable
many-body interactions

