

Localization, Interactions, and Superconductivity

Landau Institute for Theoretical Physics, Russia

Chernogolovka, June 30 - July 4, 2018

<http://intgroup.itp.ac.ru/conf2018.html>



Organizers:

Igor Burmistrov
(Landau ITP, Russia)

Alexander Mirlin
(KIT, Germany)

Topics:

We intend to bring together leading researchers (representing both experiment and theory) in the following rapidly developing fields:

- disordered superconductors and superconductor-insulator transitions
- many-body localization, entanglement, Floquet time crystals
- topological materials: topological insulators and superconductors (in particular, interaction-induced topological phases), Weyl and Dirac semimetals, and related materials
- interactions in graphene, including nanomechanical and electric properties

This Workshop continues a series of meetings on Localization, Interactions, and Superconductivity at Landau Institute in Chernogolovka in 2015 and 2016.

Invited Speakers:

Anton Andreev
Jens Bardarson
Yevgeny Bar Lev
Haim Beidenkopf
Moshe Ben Shalom
Kirill Bolotin
Scott Bunch
Sam Carr
Lara Faoro
Rosario Fazio
Mikhail Feigel'man
Alexander Finkelstein
Igor Gornyi
Arbel Haim
Lev Ioffe
Valentin Kachorovskii

Andrej Kosmrlj
Vladimir Kravtsov
Roman Kuzmin
Pavel Ostrovsky
Britton Plourde
Marco Polini
Ivan Protopopov
Leo Radzihovsky
Pratap Raychaudhuri
Leonid Rokhinson
Benjamin Sacepe
Andreas Schnyder
Alexander Shnirman
Mikhail Skvortsov
Konstantin Tikhonov
Binghai Yan