



Universität Bielefeld

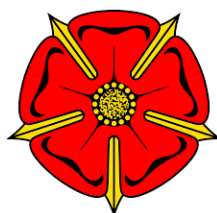
SPP1666 Young Scientists Meeting

5 – 8 September 2017

Residenzhotel Detmold, Paulinenstraße 19,
32756 Detmold

www.residenzhotel-detmold.de

Conference Program



Tuesday, 5. September 2017

- 8:50 – 9:00** **Welcoming Words**
- 9:00 – 9:45** Talk: **Jimin Wang**
“Quantum Capacitance Measurement in a
3D Topological Insulator based on
BiSbTe₂”
- 10:00 – 11:00** Coffee Break + Poster Session
- 11:00 – 11:45** Talk: **Chengwang Niu**
“Prediction of topological semimetals in 2D”
- 12:00 – 12:45** Talk: **Dirk Wulferding**
“Fractional excitations of the topological
Haldane phase”
- 13:00 – 14:00** Lunch
- 14:00 – 14:45** Invited Talk: **Tobias Meng**
“Quantum anomalies: the link between the
neutral pion and crystals of NbP”
- 15:00 – 16:30** Coffee Break + Poster Session
- 19:00 – 20:30** Joint Dinner

Wednesday, 6. September 2017

- 9:00 – 9:45** Talk: **Philipp Rüßmann**
 “Scattering properties of topologically protected
 electrons from first principles”
- 10:00 – 10:45** Coffee Break + Poster Session
- 11:00 – 11:45** Talk: **Fabian Lambert**
 “Theory of quasiparticle interference in Weyl
 semimetal and superconductor”
- 12:00 – 12:45** Talk: **Janina Klier**
 “Magnetoresistance and Hall effect in Weyl
 semimetals”
- 13:00 – 14:00** Lunch
- 14:00 – 14:45** Invited Talk: **Hartmut Buhmann**
 “Topological surface states in 2D & 3D HgTe”
- 15:00 – 16:00** Coffee Break + Poster Session
- 16:00 – 19:00** **Group-Event**

Thursday, 7. September 2017

9:00 – 9:45

Talk: **Robin-Pierre Klett**

“Inelastic electron tunnelling spectroscopy at tunnel junctions with integrated topological electrodes”

10:00 – 11:00

Coffee Break + Poster Session

11:00 – 11:45

Invited Talk: **Chandra Shekhar**

“Transition metal phosphides as emerging topological materials”

12:00 – 12:45

Talk: **Andrey Polyakov**

“Analysis of the geometric structure of clean and adsorbate covered surfaces of topological materials”

13:00 – 14:30

Lunch

14:30 – 15:00

Concluding Remarks

17:00 - open

Joint Event Evening

Travel Information: Train station – Hotel

Arrival from direction of Paderborn on platform 2

Arrival from direction of Bielefeld on platform 1

You can easily reach the hotel by foot – it is only a 10 minutes' walk. Please exit the train station to your left in the “**Bahnhofstraße**”. Straight on the first street is already the “**Paulinenstraße**”. Head on further and leave the “**Christuskirche**” and the “**Landgericht**” behind. You will then find yourself next to the “**Sparkasse Detmold**” building. Directly on the other side of the street you find the district of the “**Residenz Hotel**”. Attached below you will find a map to illustrate the walk. We are looking forward to meet you there!

Cheers

Denis and Robin

Google Map from train station to the hotel

