

13. Meeting Johannes Gutenberg-Universität Mainz **Location**

June, 26th 2017

Johannes Gutenberg-Universität Mainz
Institut für Physik
Staudinger Weg 7
55128 Mainz
Medienraum
03-431 (3. Stock)

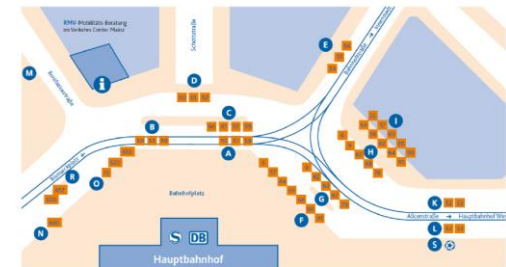
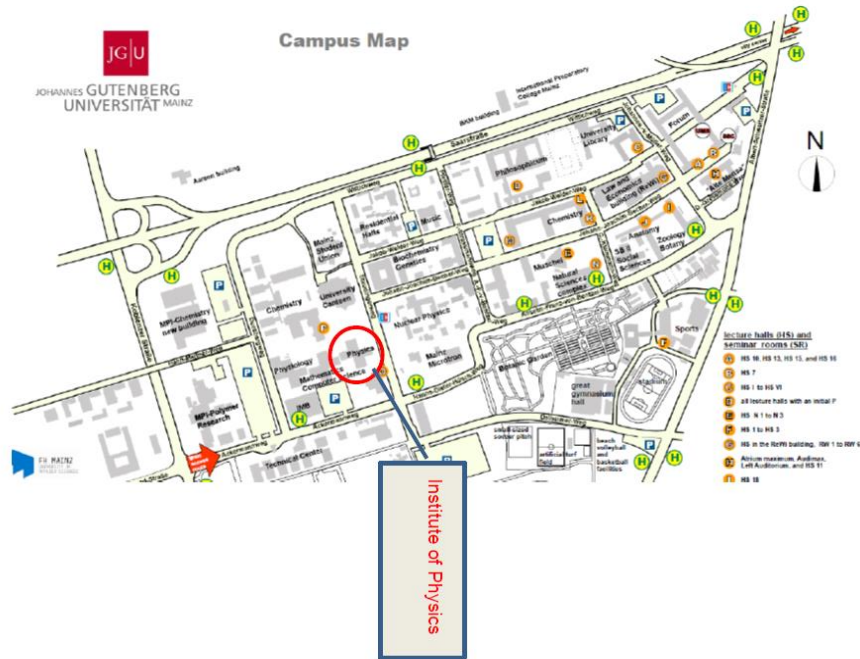
https://www.klaeui-lab.physik.uni-mainz.de/files/2007/07/Anfahrt-Uni_neu-1.pdf

with support by:



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- From Mainz Hauptbahnhof you have two options: bus or tram
- The following lines serve the university from the main station:
- 51 (towards Lerchenberg)
- 53 (towards Lerchenberg)
- 56 (towards Finthen/Wackernheim)
- 59 (towards Hochschule Mainz)
- 75 (towards Schwabenheim/Ingelheim)
- 650 (towards Sprendlingen)

We would recommend using the tram lines 51, 53, and 59 (the latter ser 2017), exit at "Friedrich-von-Pfeiffer-Weg", cross the main road using the bridge and walk across the campus for approx. 7 minutes to the institute of physics (venue marked on map).

For further information and timetables please see: <http://www.rmv.de/en/>
 From: "Frankfurt (Main) Flughafen Regionalbahnhof" and
 To: "Mainz Friedrich-von-Pfeiffer-Weg"

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Agenda

June, 26th 2017

| | | |
|----------------------|---|-------------------------|
| 9:30 – 9:35 | Welcome | M. Kläui/ T. Mikolajick |
| 9:35 – 10:00 | GMM FB 1.3 update | J. Schulze |
| 10:00- 10:25 | Huawei introduction and interest in memories | T. Wipiejewski |
| 10:25 - 10:50 | Doped HfO2 and implanted TiO2-based memristive devices | C. Dubourdieu |
| 10:50 – 11:15 | Memristiv cross-bar arrays for pattern recognition: Experimental | H. Kohlstedt |
| 11:15 – 11: 40 | Resistive switching dynamics in BFO memristive device | N.Du |
| 11:40 – 12:35 | ===== Lunch ===== | |
| 12:35 - 13:00 | Memristive BFO as artificial synapse in machine learning circuits | M. Kiani |
| 13:00 – 13:25 | Subloop switching in RRAM | D. Wouters |
| 13:25 – 13:50 | Atomic layer deposition of germanium-antimon-telluride with halogen-free precursors | M. Silinskas |
| 13:50 – 14:15 | Electrical performance of phase change memory cells with textured GeTe/Sb2Te3 superlattices | J. Boschker |
| 14:15 – 14:35 | Antiferromagnetic magnetoelectric RAM | D. Makarov |
| 14:35 – 15:00 | Writing and Reading antiferromagnetic Mn2Au: Neel spin orbit torques and large anisotropic magnetoresistance | M. Jourdan |
| 15:00 - 15:20 | ===== Coffee Break ===== | |
| 15:20 – 15:55 | Organisational issues | T. Mikolajick / all |
| 15:55 – 16:00 | Closing Remarks | M. Kläui/ T. Mikolajick |

After the meeting: Demonstration of Singulus 200mm Sputter Deposition Tool

Hotel recommendations

1. **Hotel Schottenhof** • Schottstraße 6 • 55116 Mainz

Tel. 06131 232968 or 69

Fax. 06131 221970

E-Mail: info@hotel-schottenhof.de

<http://www.hotel-schottenhof.de>

keyword: Uni Campus

25.06.-26.06.17 or 26.06-27.06.17 **option till 05.06.17**. 8 rooms.

Single room is 60 € (special rate) and double room is 80 € (special rate) without breakfast.

2. **InterCityHotel Mainz** • Binger Straße 21 • 55131 Mainz • Germany

Telefon: +49 6131 58851-0 • Telefax: +49 6131 58851-200 •

Mainz@intercityhotel.de • www.intercityhotel.com/hotels/alle-hotels/deutschland/mainz/intercityhotel-mainz

keyword: „Uni Mainz“

option until 28.05.2017

earliest arrival: 25. Juni 2017

latest departure: 27. Juni 2017

10 Business rooms

99.00 EUR – Single room

123.00 EUR – Double room