

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)

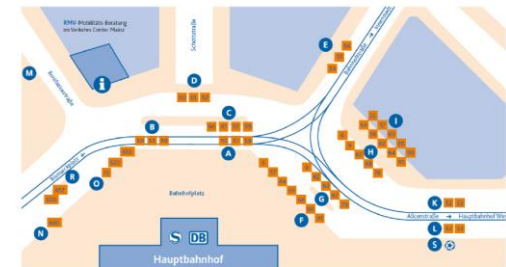
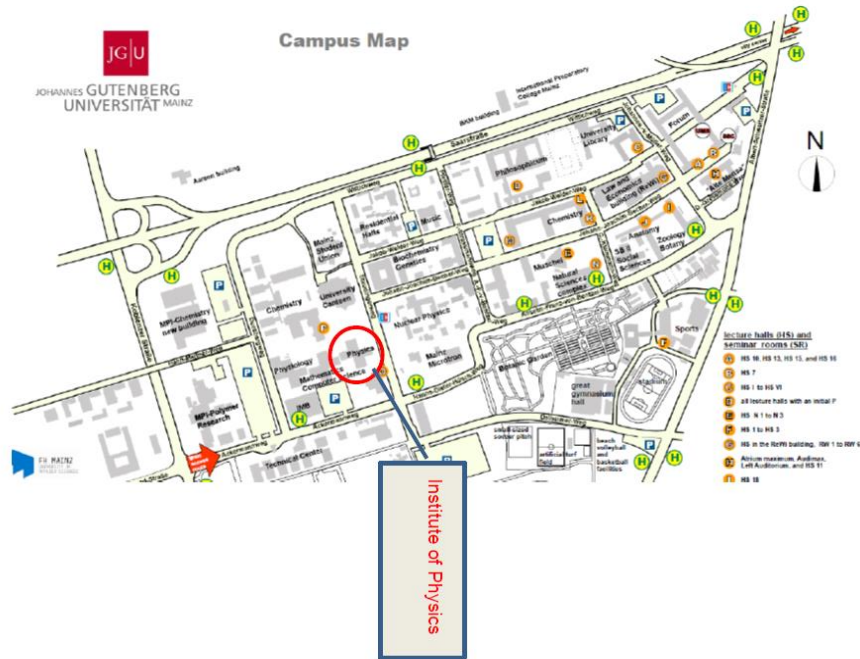
https://www.klaeui-lab.physik.uni-mainz.de/files/2007/07/Anfahrt-Uni_neu-1.pdf

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

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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