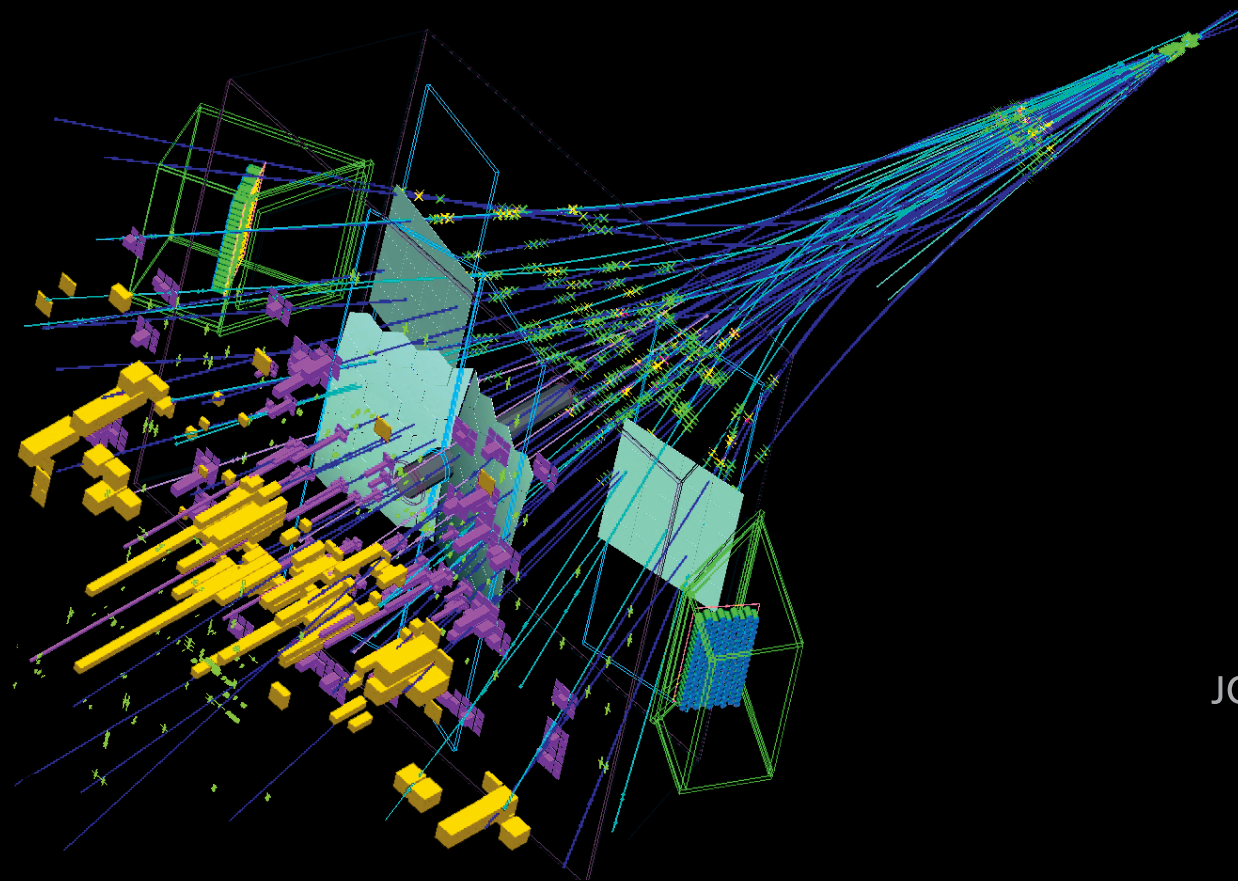


XIIth International Conference on
Heavy Quarks and Leptons
Waldthausen Castle Mainz, August 25-29, 2014
Germany

2014



Cluster of Excellence Precision Physics,
Fundamental Interactions and Structure of Matter

PRISMA

JOHANNES GUTENBERG
UNIVERSITÄT MAINZ

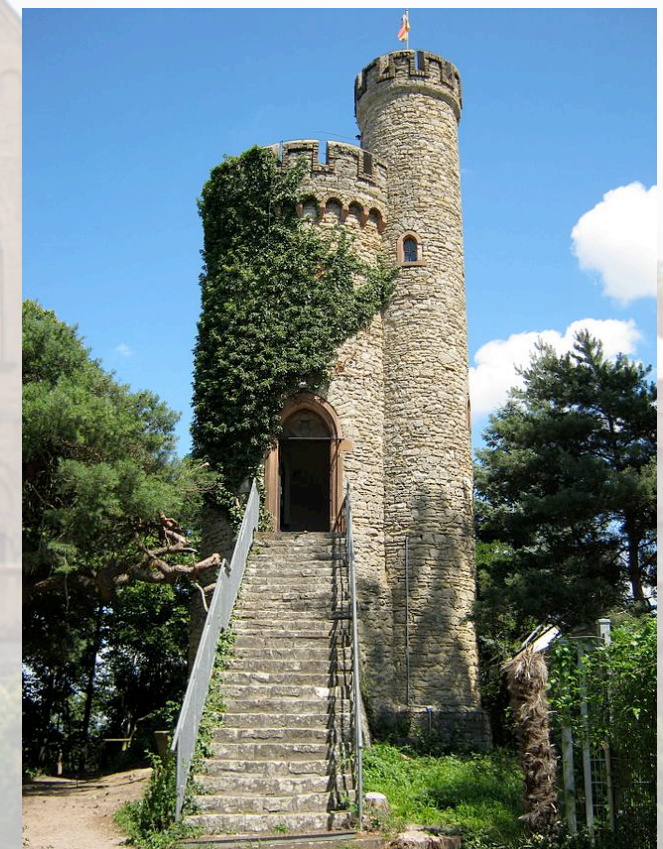


Welcome to Schloss Waldthausen



Schloss Waldthausen

- Villa „Schloss Waldthausen“ was built in 1910 by Freiherr von Waldthausen, a son of a wealthy industrial family, to impress the German emperor.
- After World War I and II Schloss Waldthausen was seized by the French Army. From 1956 to 1978 it was used as a supply depot and drill ground of the Bundeswehr (German Army).
- In 1978 sold to the city of Mainz and since 1988 used as a conference center by the Sparkassenverband (*association of saving banks*) of Rhineland-Palatinate.
- Situated in the **Lenneberg Forest**:
Largest forest in the region of *Rheinhessen*.
Used by Mainz people for recreation like jogging, cycling or walking.

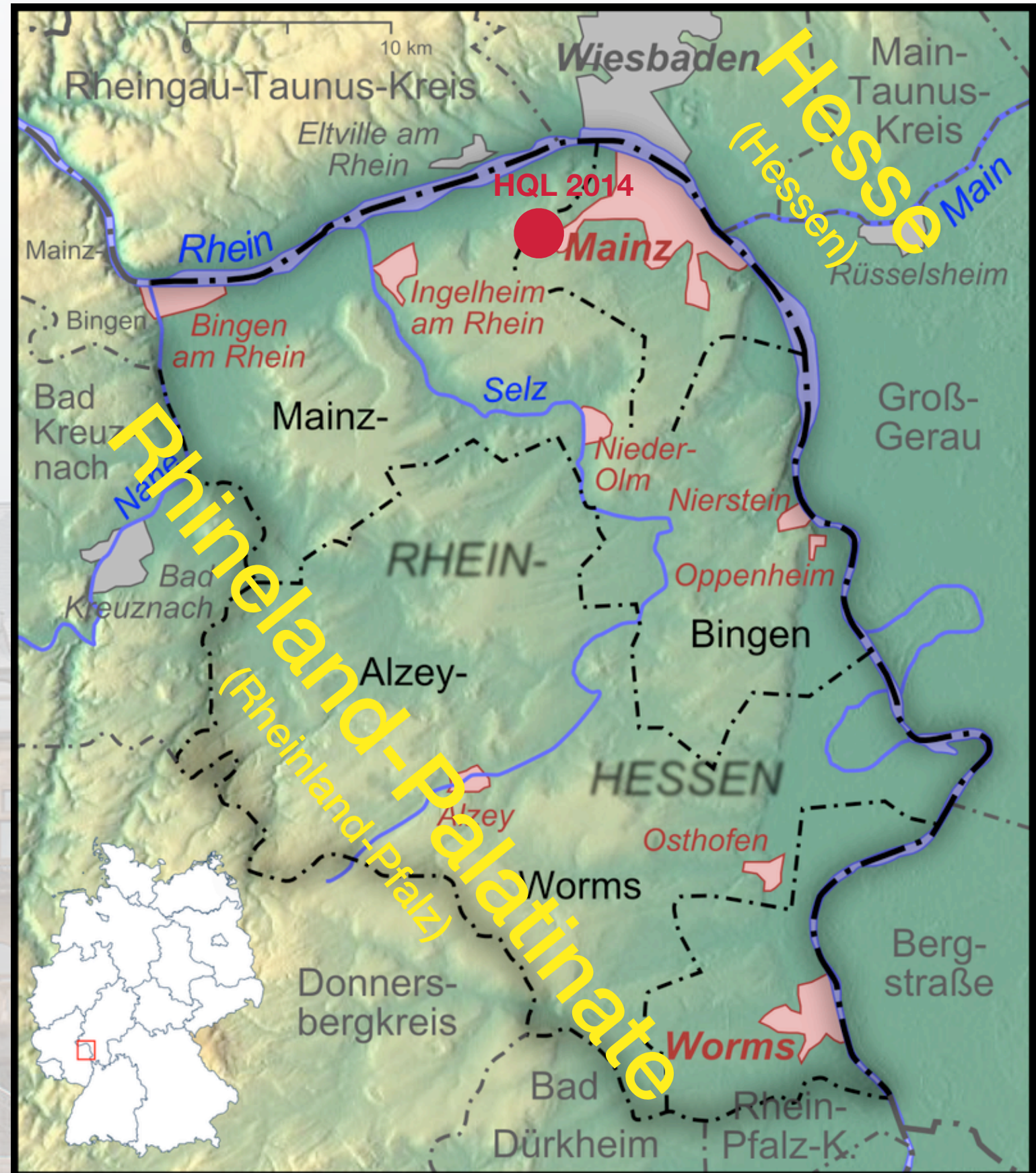


**Tower in the
Lenneberg forest**

Rheinhessen

The region of Rheinhessen is located on the left side of the Rhine, south of Mainz.

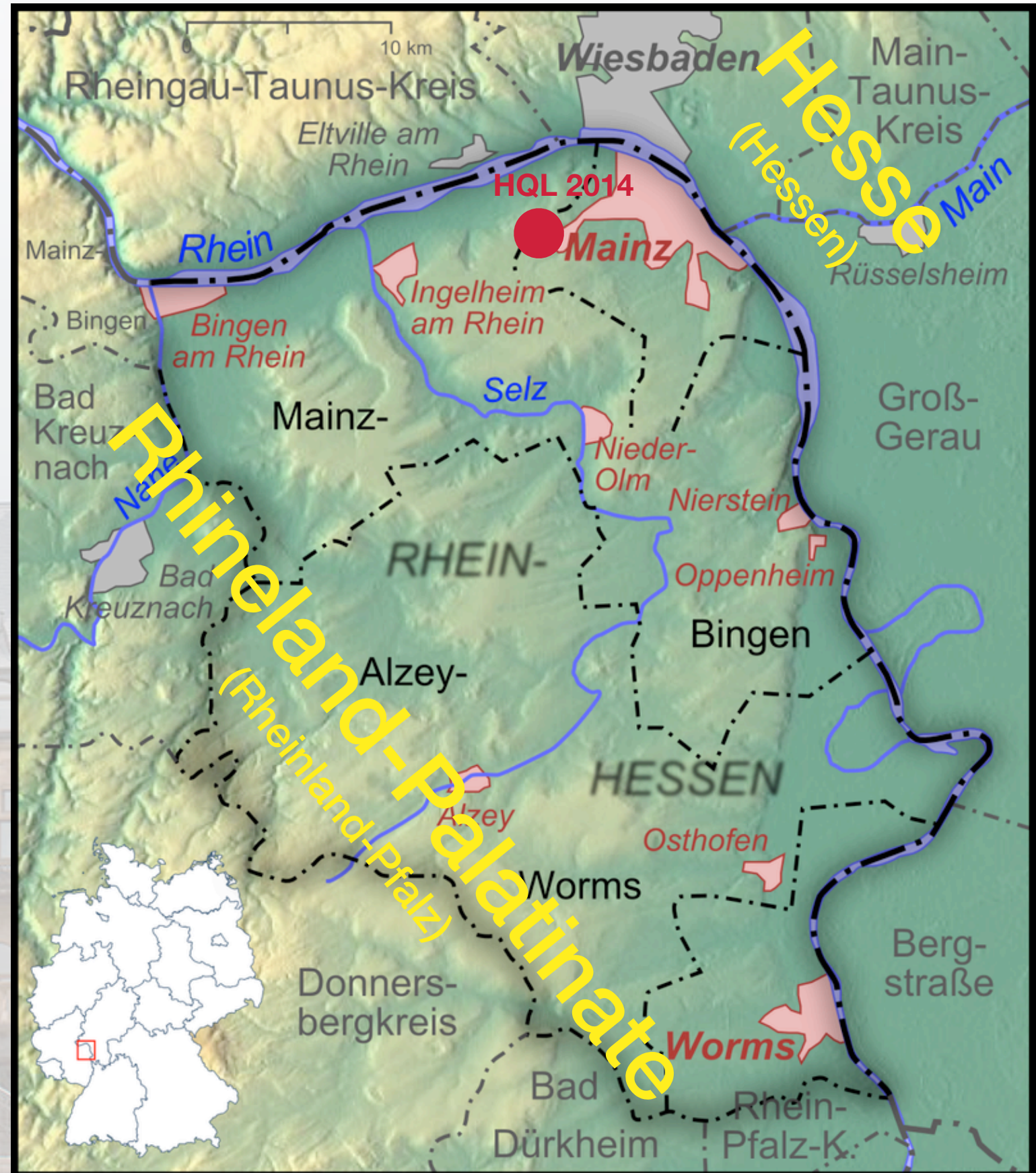
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- Well-known for wines, especially white wines as Riesling or Chardonnay, but also for fruits and vegetables.
- In former times belonging to the Grand Duchy of Hesse. Now a part of the state of Rhineland-Palatinate („Rheinland-Pfalz) with Mainz as capital.



Mainz



- Founded as Roman military camp around 12/13 AD, from former Celtic villages.
- Belonging for ~500 years to the Roman empire with the Rhine being a natural border to the Germanic regions.
- Nowadays almost every digging unearths Roman things.



Roman ship museum



Isis temple
(cellar of the Römerpassage)

Mainz



- In 782: Mainz becomes Archdiocese.
- In the following the archbishop of Mainz became „archchancellor“ of the Holy Roman Empire and one of the seven prince-electors („Kurfürsten“) to elect the German emperor.
- During the 10th/11th century: construction of the **Mainz cathedral**.



Mainz cathedral („Dom“)

Mainz



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- Around 1450: **Johannes Gutenberg**, the inventor of printing with movable types. First prints (the bible) ~1450.



Johannes Gutenberg

Mainz

Nowadays:

- About 150 000 inhabitants.
- Well-known for:
 - Carnival (second largest after Cologne).
 - Second German TV station (**ZDF**).
 - FSV Mainz 05 soccer team.



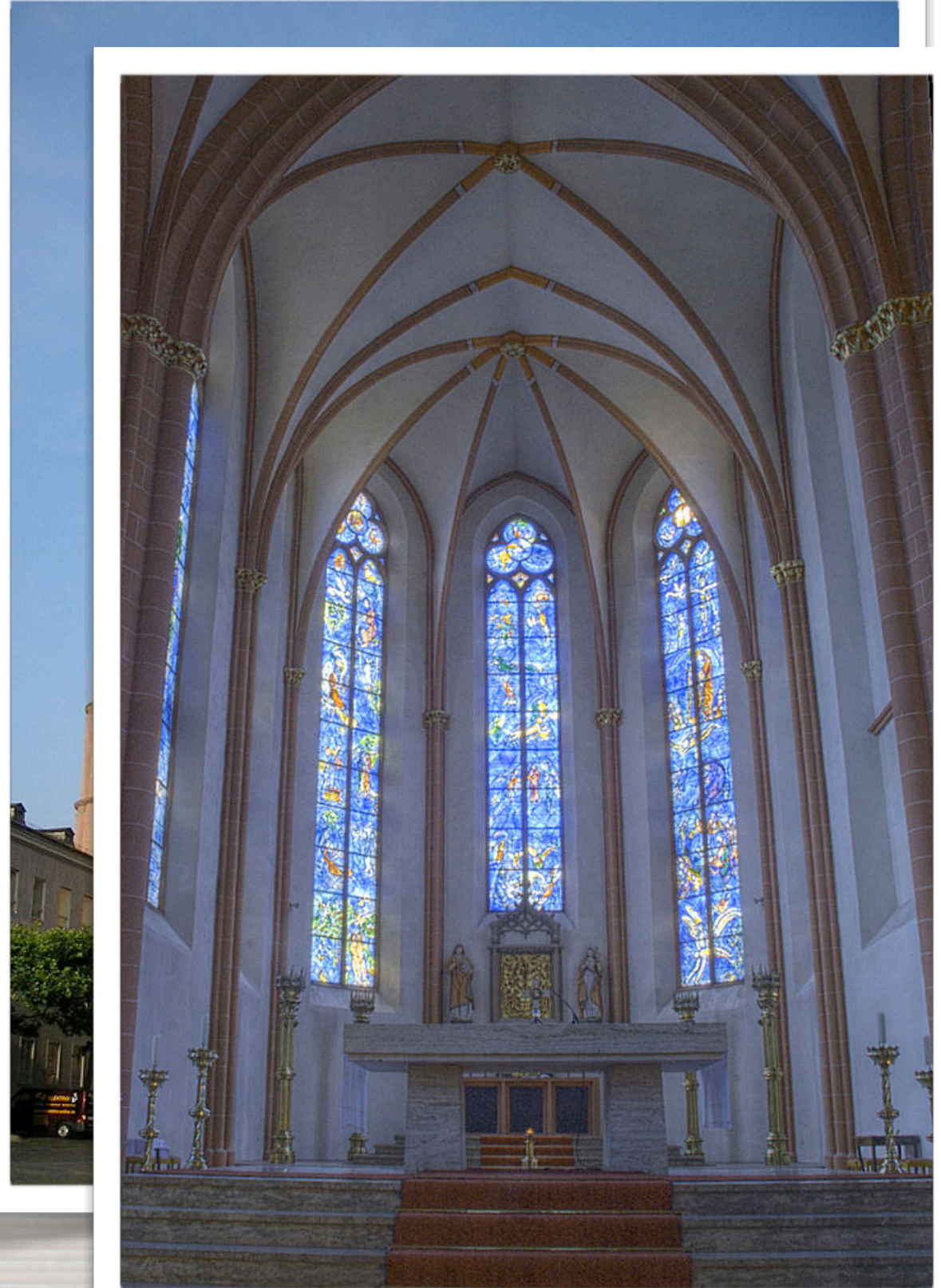
What to see in Mainz

- Mainzer Dom (Cathedral)



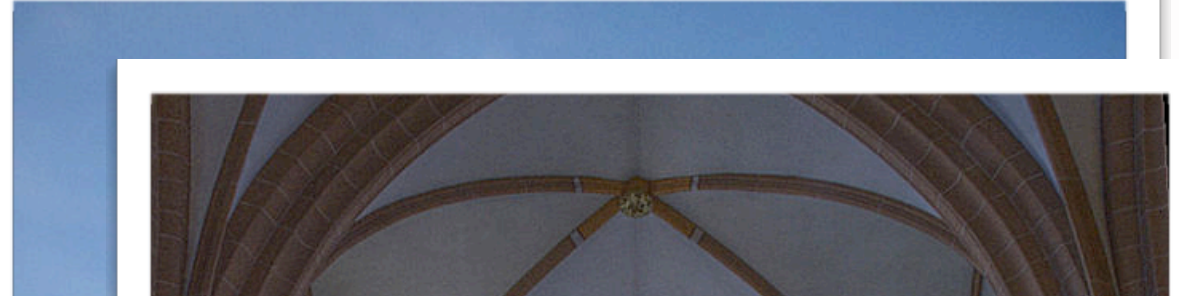
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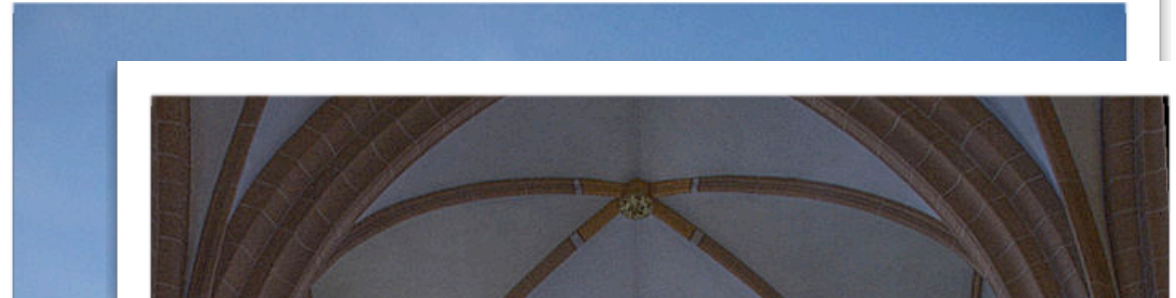
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- Mainzer Dom (Cathedral)
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- Augustinerstraße and Old town.



What to see in Mainz

- Mainzer Dom (Cathedral)
- St. Stephan church (Chagall windows!)
- Augustinerstraße and Old town.
- Rhine



University of Mainz

- Original university founded in 1477, but closed in the 18th century.
- Refunded after the war in 1946 as „Johannes Gutenberg-Universität“.
- Today: ~37 000 students, 10 departments including a hospital.



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



Physics in Mainz

- Department of Physics, Mathematics, and Computer Science with two institutes (Institute of Physics, Institute of Nuclear Physics).
- Institute of Physics:
 - Quantum Physics
 - Condensed Matter (Experiment & Theory)
 - Theoretical Particle Physics
 - Experimental Particle and Astroparticle Physics
(ATLAS, D0, NA62, XENON, IceCube, Borexino, ...)
- Institute of Nuclear Physics:
 - Nuclear and Particle Physics, Theory & Experiment
(PANDA, BaBar, BESIII, Compass, ...)
 - Mainz Microtron **MAMI**: electron accelerator up to 1.5 GeV

Physics in Mainz

New developments:

- **Helmholtz Institute Mainz (HIM):**

- Cooperation between the GSI Darmstadt and the university for the construction and running of FAIR and PANDA.



- **PRISMA Cluster of Excellence:**

- One of two clusters in Germany for research of basic questions about the nature of the fundamental matter and their importance for the physics of the Universe.
- Funded by the German Research Foundation (DFG) and the State of Rhineland Palatinate Standard Model.



Some Information about HQL 2014

- **Sessions** start in the morning usually at 9:00 or 9:30 and in the afternoon at 14:00 with coffee breaks at ~10:30 and ~15:30.
- No poster session (contrary to the preliminary program).
- **Welcome reception:**
Today at 19:00 in the main hall.
- **Excursion:**
Wednesday at 15:00 (bus departure).
Visit of the city of Oppenheim & tour through the vineyards.
- **Social Dinner:**
Thursday at 16:00 (bus departure).
Guided tour and dinner in Kloster Eberbach in the Rheingau.

Some Information about HQL 2014

- **Meals:**
 - **Lunch** usually served at 12:30 for all participants.
 - **Dinner** served at 19:00 (no later than 20:00!) for participants which stay at Schloss Waldthausen.
- **Restaurants and Locations nearby:**
 - **Café im Turm** (just across the street): Flammkuchen, pasta, burgers, salads, ..., also good for evening drinks.
 - **Mainz-Gonsenheim** (3 bus stations): Several restaurants and cafés (follow the tram line)



Hope, you'll enjoy
the conference!

