

SPRING SCHOOL p -ADIC ARITHMETIC
Essen, March 23 - March 27, 2015

Useful information

Welcome to Essen - we hope that you will have a great stay! In order to help you find your way we collected some information that you might find useful.

Conference venue

All talks and the coffee breaks take place in the lecture hall building called "Hörsaalzentrum R14". It is located south of the university campus (see the map on page 5).



It is a 20-minute walk from the hotel. Note that this is not the math department!

Contact person

If you have a question or if you need any help please come and see one of the organizers:

Ulrich Goertz
Jan Kohlhaase
Vytautas Paskunas

Also our secretary Julia Thiemann will be around sometimes.

Excursion

On Wednesday afternoon there is an excursion to the city of Oberhausen. We will visit the "Gasometer" which is an industrial monument hosting an art exhibition and a light installation. There will be guided tours in English and in German.

The excursion is included in the registration fee so there are no extra costs. If you have not yet registered for the excursion please ask the organizers if there are still any places available.

There will be a shuttle transfer to Oberhausen and back to Essen:

Departure to Oberhausen: from conference venue at 14:30
Departure to Essen: from "Gasometer" Oberhausen at 17:30

Please be on time!

Hotel

B&B Hotel
Helmut-Käutner-Strasse 4
45127 Essen
phone: +49 (0)201 / 61 69 60

It takes about 20 minutes to walk from the hotel to the conference venue (see the map on page 5).

Internet & WIFI

Please use *eduroam* which is available on campus and inside all university buildings. If your home institution does not support eduroam please come and see Jan Kohlhaase. We have a limited number of accounts that allow you to access eduroam as a guest.

Lunch & dinner

The student cafeteria is called "Mensa" and is situated on campus (see map on page 5). They serve lunch from 11:45 till 14:30 and also offer vegetarian dishes. They do not serve dinner, however. At the cashier please tell the staff that you are a guest. You can pay by cash. If you are enrolled as a student in the state of Nordrhein-Westfalen you might try to use your student-ID to get a reduced price.

There is a big shopping mall on "Limbecker Platz" (see the map on page 5). When coming from the hotel you actually pass by. There are several small restaurants inside, a supermarket, several bakery shops and other alternatives for a quick lunch.

As for dinner, the city center is within walking distance (see the map on page 5). There are numerous restaurants that you can try.

Math Department

The math department is rather close to the hotel (see the map on page 5). It is opposite a big IKEA-market and has a shop called "Conrad Electronic" on the ground floor. The address is

Universität Duisburg-Essen
Fakultät für Mathematik
Thea-Leymann-Strasse 9
45127 Essen

If you have some time to spare or if you would like to discuss mathematics there is ample space in the seminar rooms on the third floor. Further, the local participants have their offices there.

Public transportation

If you would like to get around or see other parts of the city you can use the public transportation system. There are buses, trams and subways. Tickets can be purchased at the vending machines (subway, tram) or directly from the driver (bus). Note that you need to stamp and validate your ticket on the trains and buses. Please ask other passengers if you are uncertain what to do. For more information concerning time tables and fares please have a look at www.evag.de.

Printers

If you need to print anything important (like tickets or boarding passes, for example) please come and see one of the organizers. There are no publicly accessible printers.

Registration fee

Except for the speakers each participant is asked to pay a registration fee of 30 euros (15 euros for M.Sc. and PhD students). The fee will be collected upon registration on Monday morning. You will get a receipt with your name on it.

Reimbursement

If you receive funding from the University of Duisburg-Essen your hotel will be paid directly. Concerning your travel expenses you will obtain a reimbursement form upon registration. After the end of the conference please fill in the data and send the form and your receipts (i.e. original tickets, boarding passes etc.) to

Universität Duisburg-Essen
Fakultät für Mathematik
Julia Thiemann
Thea-Leymann-Strasse 9
D-45127 Essen
Germany

Schedule

starting time	Monday	Tuesday	Wednesday	Thursday	Friday
9:15	Registration	Lau	Lau	Lau	Lau
10:45	Lau	Fargues	Fargues	Fargues	Dospinescu
12:00	Fargues	Dospinescu	Dospinescu	Dospinescu	Hu
15:00	Fargues	Ludwig	14:30 Excursion	Schraen	
16:30	Dospinescu	Knight		Hellmann	

minicourses

Gabriel Dospinescu: An introduction to the p -adic local Langlands correspondence for $GL_2(\mathbf{Q}_p)$

Laurent Fargues: p -adic Hodge theory, vector bundles and their modifications

Eike Lau: Displays and p -divisible groups

research talks

Eugen Hellmann: Classicality on eigenvarieties via patching II

Yongquan Hu: On the Cohen-Macaulayness of crystabelline Galois deformation rings

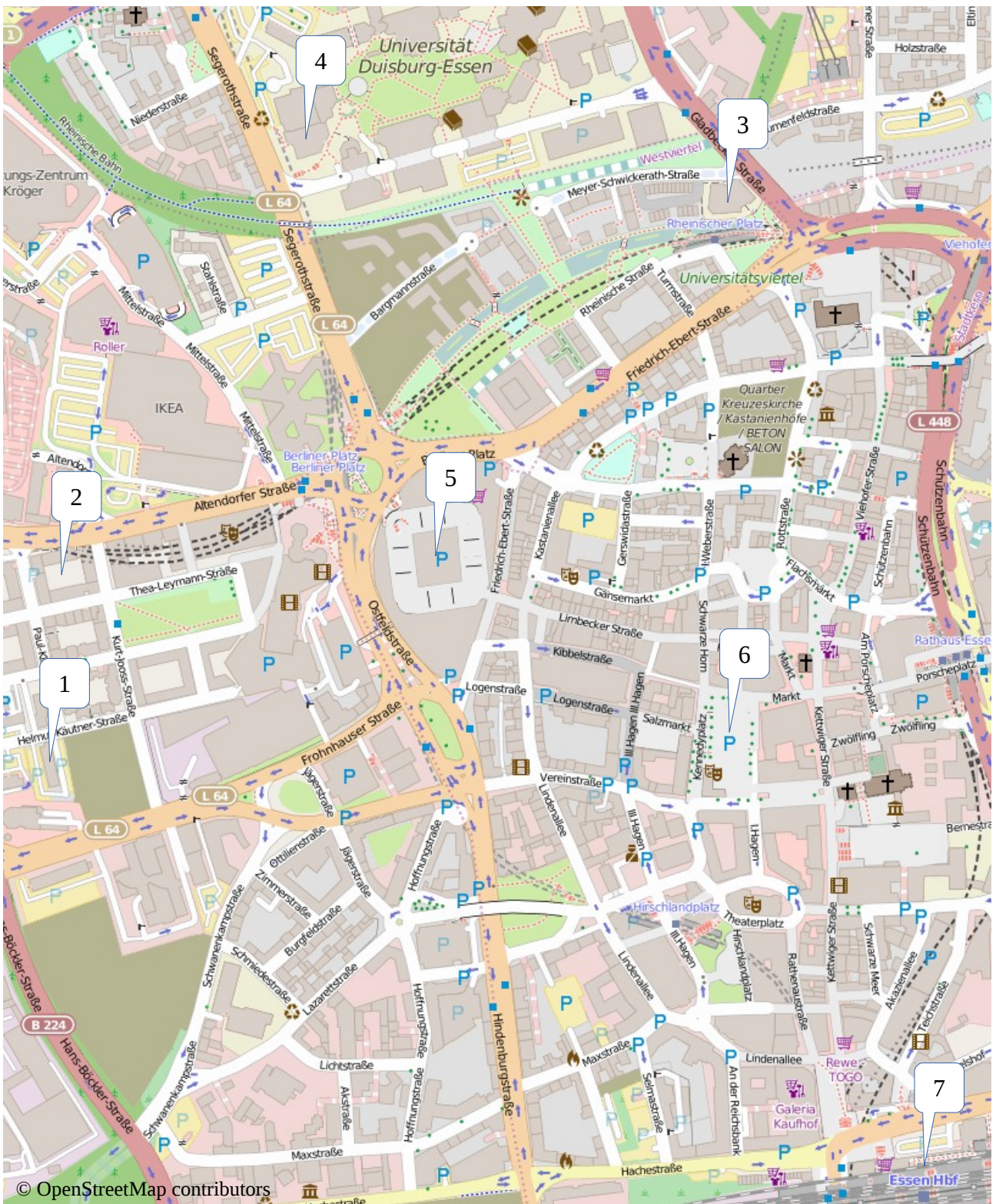
Erick Knight: A p -adic Jacquet-Langlands correspondence

Judith Ludwig: p -adic Langlands functoriality

Benjamin Schraen: Classicality on eigenvarieties via patching I

All talks will be 60 minutes.

On each day there will be a coffee break from 10:15 to 10:45. On Monday, Tuesday and Thursday there will also be a coffee break from 16:00 to 16:30.



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- 1 B&B Hotel
- 2 Math department
- 3 Conference venue (lecture hall building "Hörsaalzentrum R14")
- 4 Student cafeteria "Mensa"
- 5 Shopping mall "Limbecker Platz"
- 6 City center
- 7 Central station