

ALMOTH 2010  
PROGRAMME

Thursday 25 February 2010

13:00-14:00	Lunch (we meet in room SR 11, ground floor)
13:30-14:00	Coffee (in room SR 11)
14:00-14:30	Martin Lange, München, <i>Extended Computation Tree Logic</i>
14:30-15:00	Tony Tan, Edinburgh, <i>Graph Reachability and Pebble Automata over Infinite Alphabets</i>
15:00-15:30	Martin Zimmermann, Aachen, <i>Parametric LTL Games</i>
15:30-16:00	Coffee Break
16:00-16:30	Yijia Chen, Shanghai, <i>On Optimal Proof Systems and Logics for PTIME</i>
16:30-17:00	Bastian Laubner, Berlin, <i>Capturing Polynomial Time on Interval Graphs</i>
17:00-17:30	Coffee Break
17:30-18:00	Siamak Tazari, Berlin, <i>Lower Bounds for the Complexity of Monadic Second Order Logic</i>
18:00-18:30	Tobias Ganzow, Aachen, <i>A new Algorithm for Checking WMSO on Regular Structures</i>
20:30	Dinner at Restaurant 'La Mezzanotte'

Friday 26 February 2010

8:30-9:00	Coffee (in room SR 11)
9:00-9:30	Dietrich Kuske, Bordeaux, <i>The Isomorphism Problem for Automatic Structures</i>
9:30-10:00	Alexander Kartzow, Darmstadt, <i>Collapsible Pushdown Graphs of Level 2 are Tree-Automatic</i>
10:00-10:15	Short Coffee Break
10:15-10:45	Stefan Schulz, Aachen, <i>Decision Problems for FO-Logic with Reachability</i>
10:45-11:15	Nicole Schweikardt, Frankfurt, <i>Addition-Invariant FO and Regularity</i>
11:15-11:45	Kord Eickmeyer, Berlin, <i>Randomisation and Derandomisation in Descriptive Complexity Theory</i>
11:45-12:00	Short Coffee Break
12:30-13:00	Martin Otto, Darmstadt, <i>Acyclicity in Hypergraph Covers</i>
12:00-12:30	Vince Barany, Oxford, <i>Querying the Guarded Fragment</i>

## HOW TO FIND US

The talks take place at the lecture hall ‘Magnus-Hörsaal’ in the ground floor of the computer science building, Robert-Mayer-Straße 11-15. We have coffee breaks in room SR 11 in the ground floor.

### **Directions from the main station (Frankfurt Hauptbahnhof)**

From the main train station (Frankfurt Hauptbahnhof) take the subway ‘U4’ towards ‘Bockenheimer Warte’ (there’s just one intermediate stop; the trip takes approx. 5 minutes). The train ticket costs 1,50 Euro — take a ‘Kurzstrecke’-ticket; you can buy the ticket at the turquoise/blue-green vending machines (Caveat: The tickets are valid only immediately after purchase; it therefore makes no sense to buy several tickets in advance).

### **Directions from Frankfurt Airport**

A taxi from Frankfurt Airport takes about 20 minutes to the university and costs about 30 Euro. A cheaper way (ca. 4 Euros from the travel center (Reisezentrum) ticket counter or from vending machines) is to catch S8 or S9 train from track 1 of the ‘Regionalbahnhof’ beneath Terminal 1 to Frankfurt Hauptbahnhof (Main Station). From there you can take the subway as explained above.

From the subway station ‘Bockenheimer Warte’ you can walk to the computer science department in less than 10 minutes. Exit the subway station at ‘Senckenberganlage’, follow ‘Senckenberganlage’, and then turn right into ‘Robert-Mayer-Straße’. The computer science department in Robert-Mayer-Str. 11-15 is on the left-hand side.

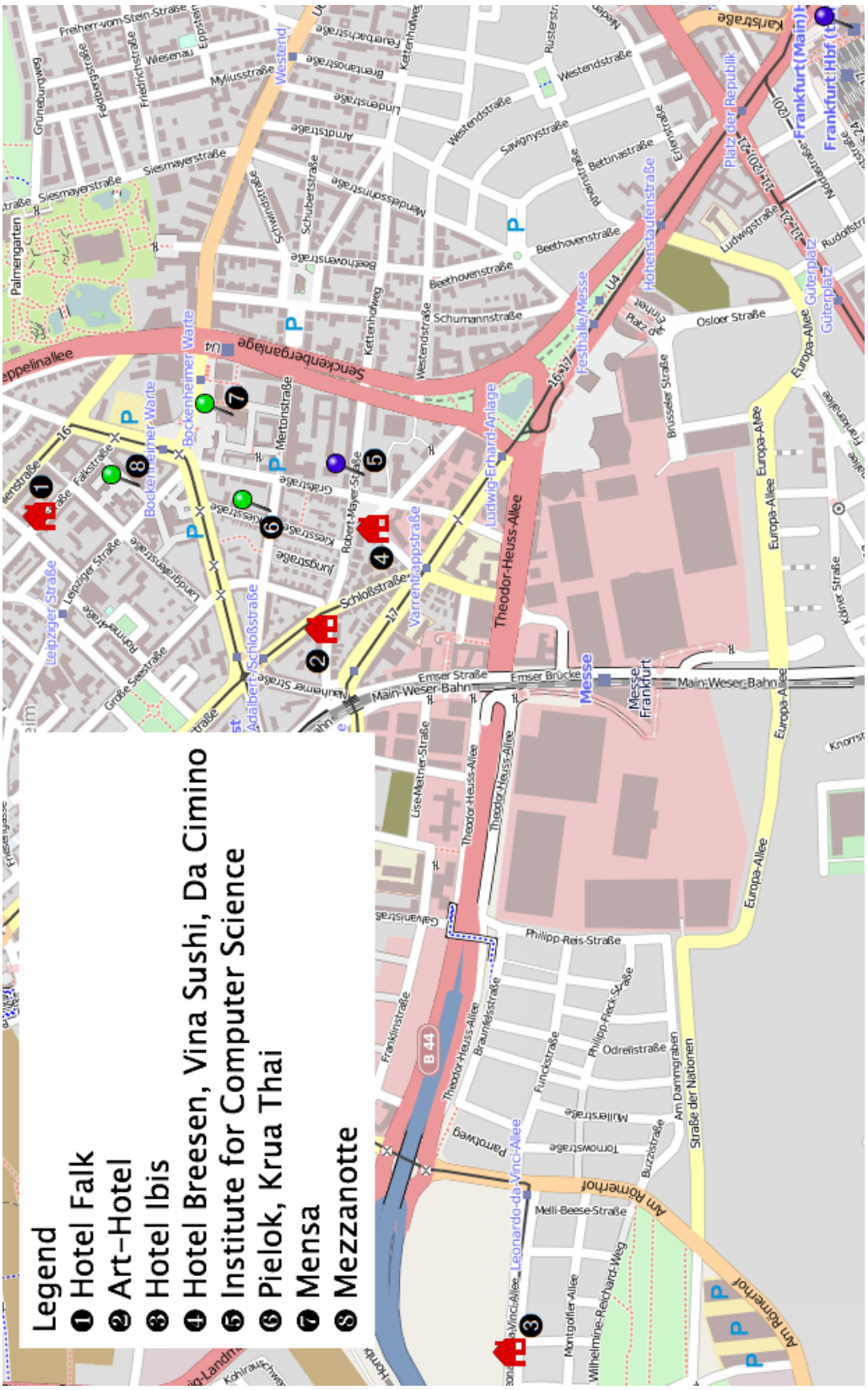
### **Addresses**

- Institute for Computer Science, Robert-Mayer-Str. 11-15
- Art-Hotel Robert-Mayer, Robert-Mayer-Str. 44, Tel. +49 (0)69/9709100
- Hotel Breesen, Varrentrappstr. 73, Tel. +49 (0)69/9706160
- Hotel Falk, Falkstr. 38A, Tel. +49 (0)69/71918870
- Hotel Ibis Frankfurt City Messe, Leonardo-da-Vinci-Allee 40, Tel. +49 (0)69/286070
- Restaurant ‘La Mezzanotte’, Clemensstr. 6 (off Leipziger Straße)

### **Lunch**

In addition to the Mensa, the area surrounding the university offers multiple of lunch options. We prepared the following suggestions:

- Kruak Thai, Jordanstr. 10 (Thai)
- Localino Da Cimino, Robert-Mayer-Str. 22 (Italian – remember that the Dinner will be at an Italian restaurant as well)
- Pielok, Jordanstr. 3 (German)
- Vina Sushi, Robert-Mayer-Str. 17 (Chinese All-you-can-eat, Sushi All-you-can-eat)



- Legend**
- ① Hotel Falk
  - ② Art-Hotel
  - ③ Hotel Ibis
  - ④ Hotel Breesen, Vina Sushi, Da Cimino
  - ⑤ Institute for Computer Science
  - ⑥ Pielok, Krua Thai
  - ⑦ Mensa
  - ⑧ Mezzanotte