



SSIP 2008

16th Summer School on Image Processing, July 7th-16th 2008, Vienna, Austria.

Welcome!

Allan Hanbury

Programme

- Many good lecturers
- Group work
- Student presentations
- Social events

Day	Date	Time	Lecturer	Topic	Project Work Supervisors
Mon	07.07.08	10.00-14.30		Registration in front of the lecture room	
		14.00-14.30	Allan Hanbury	Welcome	
		14.30-16.15	Andrew Todd-Pokropek	Medical Imaging and Processing	
		16.15-16.30		Break	
		16.30-18.00	Andrew Todd-Pokropek	Project description and formation of project groups	
Tue	08.07.08	9.00-10.45	Georg Langs	Active Appearance Models	Hanbury, Langs, Balazs
		10.45-11.15		Break	
		11.15-13.00	Horst Bischof	On-line Learning in Vision	
		13.00-14.00		Lunch	
		14.00-18.30		Project Work	
	19.00-late		Cinema evening		
Wed	09.07.08	9.00-10.15	Attila Fazekas	Human-Computer Interaction	Fazekas, Balazs, Palagyi
		10.15-10.30		Break	
		10.30-11.45	Kalman Palagyi	Skeletons and skeleton like shape descriptors in 2D and 3D	
		11.45-12.00		Break	
		12.00-13.15	Peter Balazs	Discrete Tomography	
	13.15-14.15		Lunch		
	14.15-18.30		Project Work		
Thu	10.07.08	9.00-10.45	Andras Hajdu	Thermal video processing	Kato, Hajdu, Palagyi
		10.45-11.15		Break	
		11.15-13.00	Zoltan Kato	Markov random fields in image segmentation	
		13.00-14.00		Lunch	
		14.00-18.30		Project Work	
Fri	11.07.08	9.00-10.45	Michael Wilkinson	Connected Filters and Granulometries	Sladoje, Sorantin, Fazekas
		10.45-11.15		Break	
		11.15-13.00	Natasa Sladoje	Measuring perimeter of discrete objects	
		13.00-14.00		Lunch	
		14.00-15.00		Student presentations (see below)	
	15.00-18.30		Project Work		
Sat	12.07.08	9.00-10.15	Laszlo Nyul	Fuzzy techniques for image segmentation	Nyul, Lindblad, Erdohelyi
		10.15-10.30		Break	
		10.30-11.45	Balasz Erdohelyi	Surgical Planning and Biomechanical Analysis	
		11.45-12.00		Break	
		12.00-13.00	Joakim Lindblad	The Hough Transform	
		13.00-14.00		Lunch	
		14.00-15.00		Student presentations (see below)	
15.00-18.30		Project Work			
Sun	13.07.08	9.30-11.00	Erich Sorantin	3D imaging in Medicine	
		11.00-18.00		Sunday outing and lunch	
Mon	14.07.08	9.00-10.45	Mihaela Gordan	State of the art in color image processing and analysis	Erdohelyi, Gordan, Nyul
		10.45-11.15		Break	
		11.15-13.00	Cees Snoek	Concept-based Video Retrieval	
		13.00-14.00		Lunch	
		14.00-15.00		Student presentations (see below)	
	15.00-18.30		Project Work		
Tue	15.07.08	9.00-10.45	Petia Radeva	Medical Imaging	Todd-Pokropek, Sorantin, Hanbury
		10.45-11.15		Break	
		11.15-13.00	Jordi Vitria	Object Recognition	
		13.00-14.00		Lunch	
		14.00-14.30		Exam	
		14.30-18.30		Final project presentations	
	19.30-late		Farewell dinner		
Wed	16.07.08	9.00-10.45	Csaba Beleznai	Selected Applications in Computer Vision	
		10.45-11.00	Allan Hanbury	Closing	

SSIP 2008 Student Presentations

Day	Date	Time	Presenter	Topic
Fri	11.7.08	14.00-14.15	Serban Meza	Distributed Video Coding
		14.15-14.30	Istvan Vincze	IR based hand pointing device
		14.30-14.45	Tamas Ungi	Breathing monitoring with a computer vision system
		14.45-15.00	Vinod Kumar	White matter wiring of cerebellar-cortico system
Sat	12.7.08	14.00-14.15	Kamal Nasrollahi	A Neural Network Based Cascaded Classifier for Face Detection in Color Images with Complex Background
		14.15-14.30	György Kovacs	Preprocessing Virtual Microscopic Slides
		14.30-14.45	Paul Nemes	Digital restoration on cultural heritage images
		14.45-15.00	Paul Claude Diemoz	Synchrotron radiation phase-contrast X-ray imaging applied to mammography and cartilage studies
Mon	14.7.07	14.00-14.15	Martin Maska	A Two-Phase Cell Cluster Segmentation Using Topology Preserving Level Set Methods
		14.15-14.30	Camelia Popa	Color image segmentation in the compressed domain
		14.30-14.45	Ulrich Engelke	Reduced-reference Visual Quality Metric Design
		14.45-15.00	Matthew DiFranco	Automatic Detection of Prostate Cancer in Digital Immunohistochemistry Slides

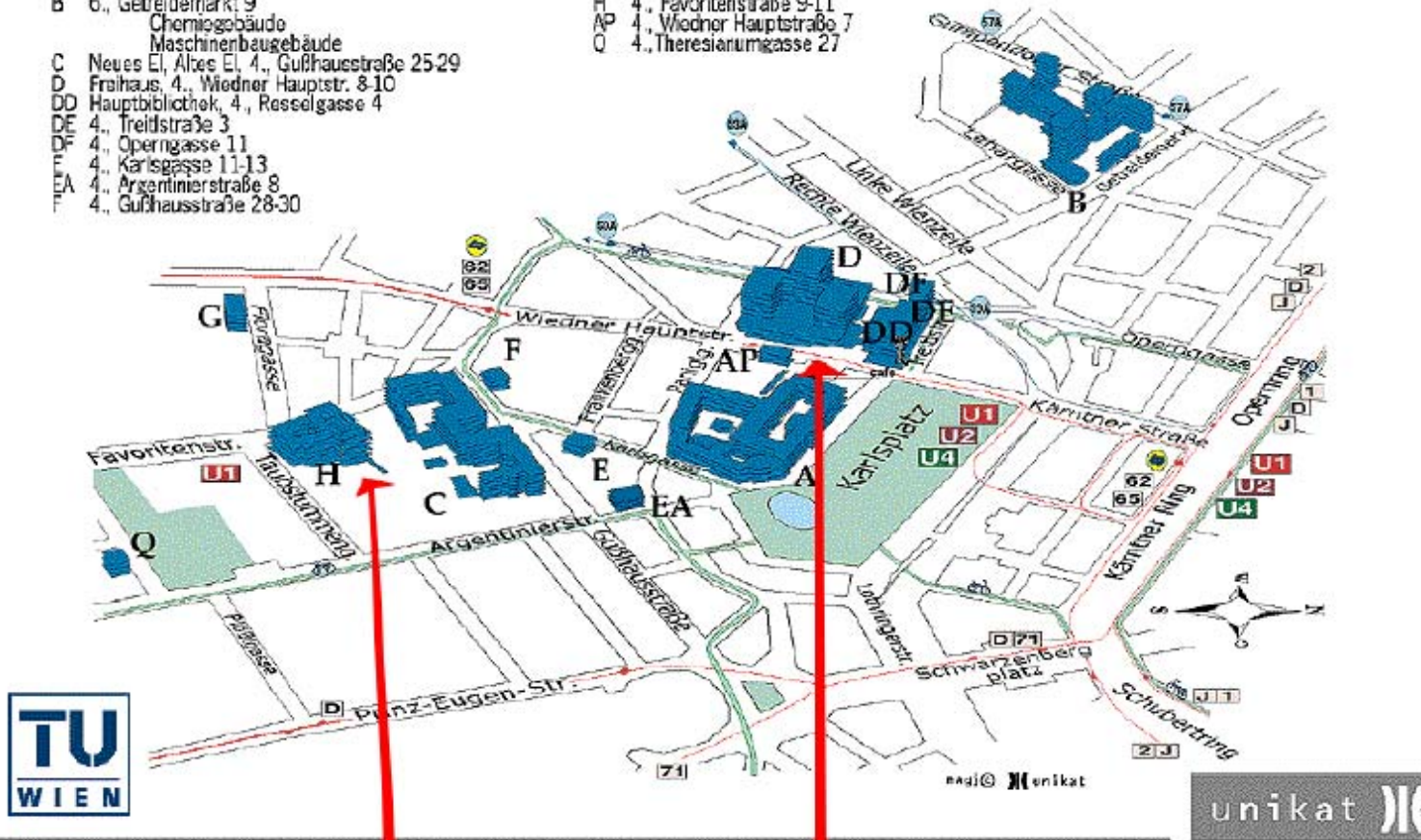
Locations of the SSIP 2008

www.wegweiser.ac.at



Übersichtsplan: TU Wien

- | | | | |
|----|--|----|---------------------------|
| A | Hauptgebäude, 4., Karlsplatz 13, 1040 | G | 4., Floragasse 7, 1040 |
| B | 6., Getreidemarkt 9
Chemiegebäude
Maschinenbaugeschäft | H | 4., Favoritenstraße 9-11 |
| C | Neues El. Altes El. 4., Gußhausstraße 25-29 | AP | 4., Wiedner Hauptstraße 7 |
| D | Freihaus, 4., Wiedner Hauptstr. 8-10 | Q | 4., Theresianumgasse 27 |
| DD | Hauptbibliothek, 4., Resselgasse 4 | | |
| DE | 4., Treitlstraße 3 | | |
| DF | 4., Operngasse 11 | | |
| EA | 4., Karlsplatz 11-13 | | |
| EA | 4., Argentinierstraße 8 | | |
| EA | 4., Gußhausstraße 28-30 | | |



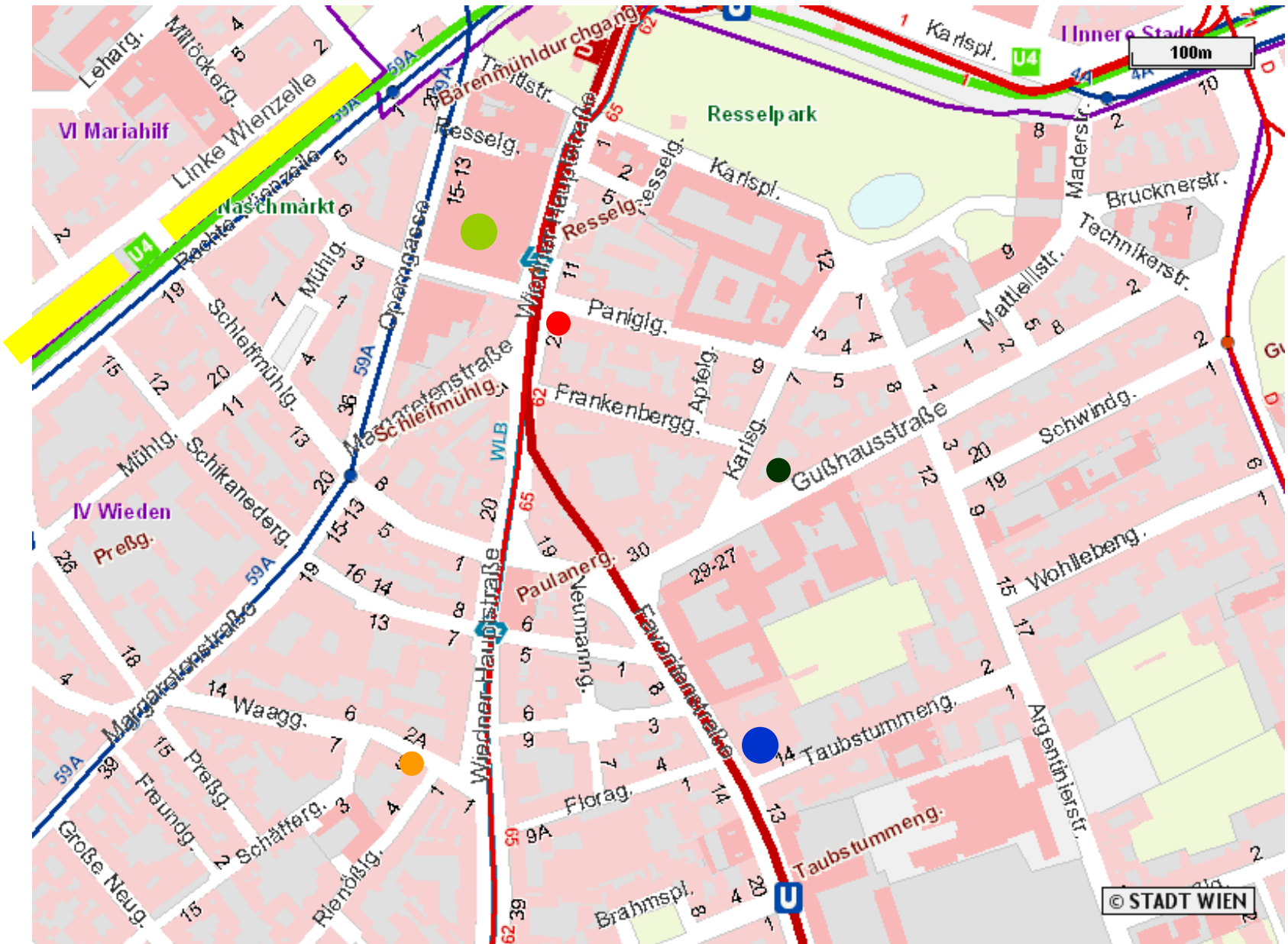
H: Computer Labs
ground floor

D: Lecture Room and Restaurant
7th floor, green area and 1st floor, yellow area

Arrival: U1 or U2 Karlsplatz Exit Wiedner Hauptstraße

Where to eat

- Student restaurant (MENSA) in this building, 1st floor, yellow area
- Supermarket across the road (Billa)
- Market nearby (Naschmarkt)
- Restaurants nearby
 - Wieden Bräu (brewery), Waaggasse 5
 - Arthur & Arthur, Gusshausstraße 20
 - ...

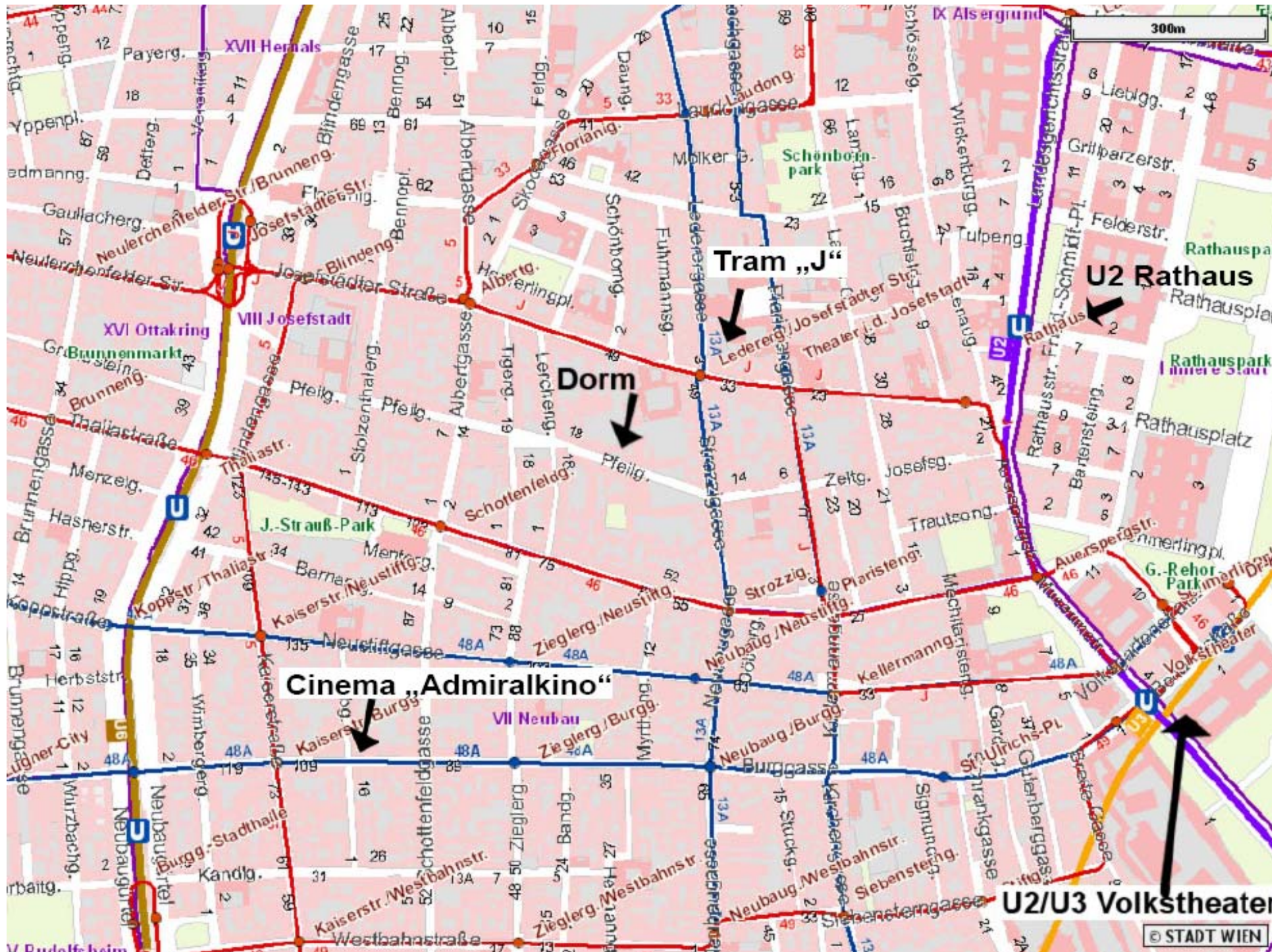


- Lecture room and student restaurant
 - Computer Labs
 - Supermarket Billa
- Naschmarkt
 - Wiedenbräu
 - Arthur & Arthur

Accommodation

- Student residence:
 - Pfeilgasse 3a (for single rooms)
 - Pfeilgasse 4-6 (for double rooms)





Travel

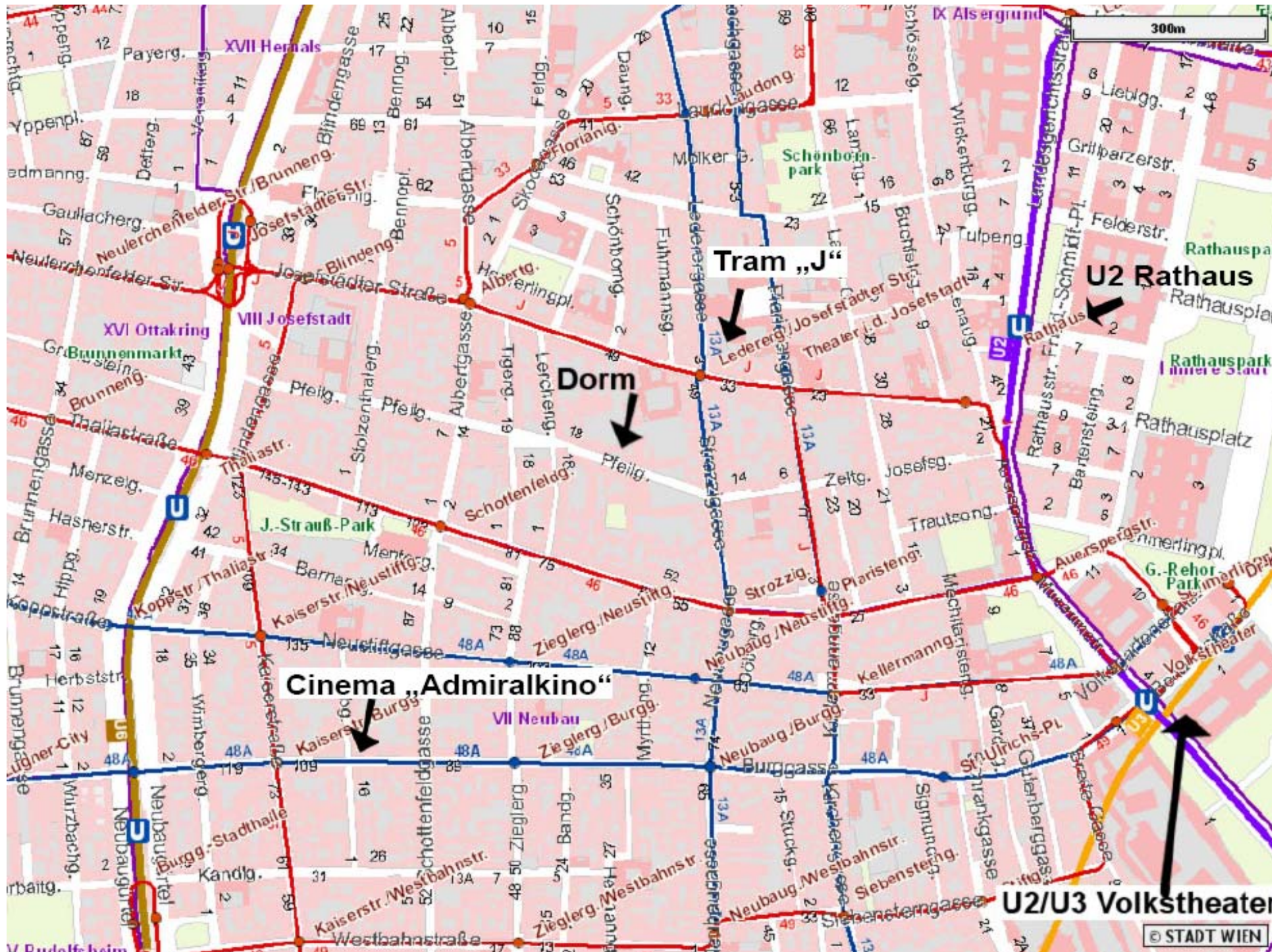
- Between the lecture room and computer lab - by foot
- From the residence to the SSIP - by public transport (both leave from Karlsplatz)
 - Underground line U2 to Rathaus
 - OR Tram J (direction Ottakringer Str.) to Lederergasse/Josefstättergasse
- Weekly ticket (valid from Monday to Monday at 9:00) costs €14,00
- A few free single tickets (usual cost €1,70) are in your bags – best used next week.



Social Programme

- Tuesday evening – cinema evening, 19:00
- Admiral Kino
- Films: Proof and ...
- Food and drinks will be provided





- Sunday
 - Arbeiterstrandbad (beach on the Old Danube).
 - Food will be provided.
- Tuesday 15 July 2008
 - Farewell dinner
 - In *Centimeter*
 - Famous for big portions



Prizes

- Group with best project work will get €500!
 - Sponsored by the ÖAGM
- Second prize too.



Local Organisers

- Julian Stöttinger



- Martin Lettner



- Martin Kampel



Sponsors

