



**EUCognition Meeting**  
**8.-9. Dezember 2016**  
**Vienna, Austria**

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# **Travel Kit**

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## 1 EUCog Meeting General Information

The EUCog Meeting will be held in the main building of TU Vienna, Karlsplatz 13, 1040 Vienna (see map and travel information in Section 1 and 2)

### **Theme:**

Cognitive Robot Architectures

### **Invited Speakers:**

- David Vernon (Skövde)  
[www.vernon.eu](http://www.vernon.eu)
- Paul F.M.J. Verschure (UPF Barcelona)  
<http://specs.upf.edu/people/paul-fmj-verschure>

### **Organizers:**

- Vincent C. Müller (general chair)
- Markus Vincze (local chair)
- Ron Chrisley (academic chair)
- Yulia Sandamirskaya (academic chair)

### **Opening hours for the registration desk**

December 8, 08:00 – 09:00

### **Wireless LAN Access:**

To use the tunet WLAN, every participant will get a guest account with username and a password at the registration desk.

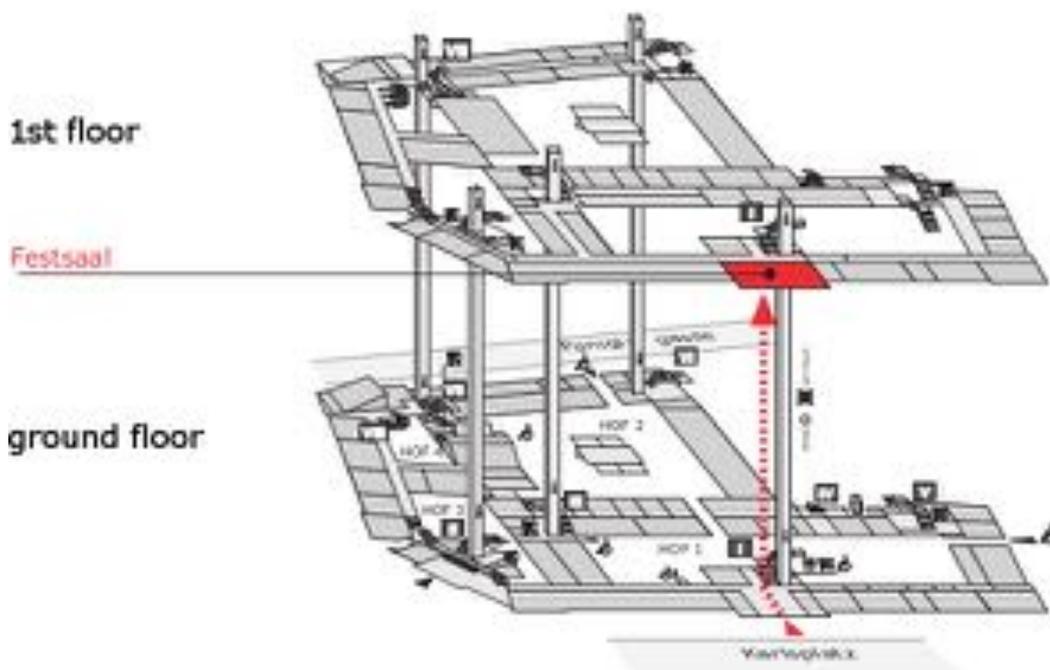
There will also be eduroam wireless LAN access.



## 2 Venue

The EUCog Meeting will be held in the main building of TU Vienna, Karlsplatz 13, 1040 Vienna.

The meeting takes place at the **Festsaal** (AA 01 48), 1<sup>st</sup> floor



Google Maps: <https://goo.gl/maps/eHAJWPffTur>



### 3 Travel Information

#### From Vienna International Airport to EUCog Meeting Venue



#### **City Airport Train: 16 minutes, 12€:**

(special fast train) leaves every 30 min (at :05 and :35 everyday between 6:05 and 23:05). Follow signs to CAT. CAT is located two floors below the airport arrival hall and leaves half-hourly to Vienna City air terminal **Landstraße/Wien Mitte**. With a journey time of only 16 minutes the City Airport Train is the quickest route to reach the centre of Vienna.

Tickets online (<https://www.cityairporttrain.com/>): one way € 11, return € 17

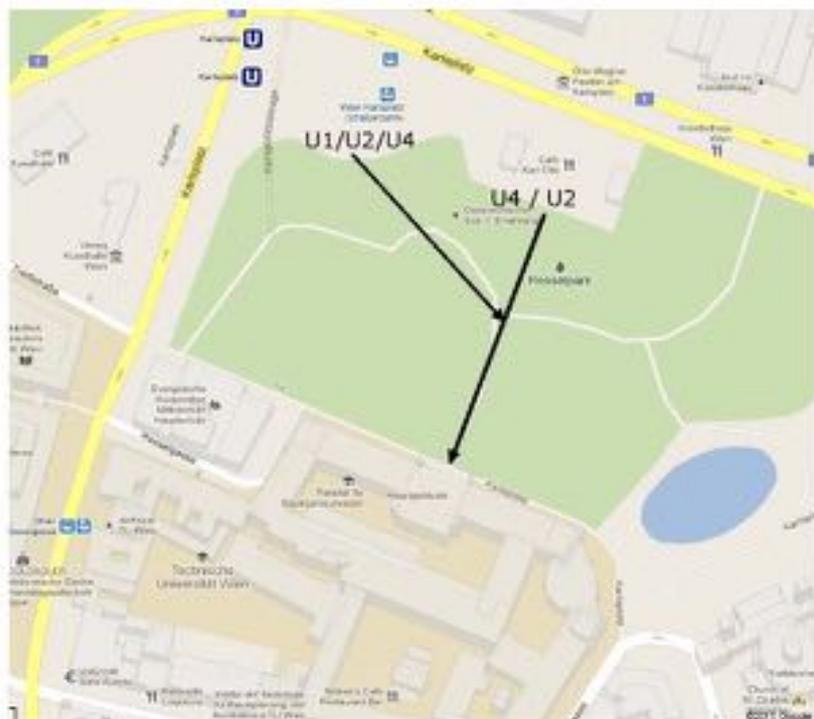
Tickets from machine at station: one way € 12, return € 19



#### **S-Bahn Regional train: 26 minutes, 4.4€:**

S-Bahn leaves every at :17 and :42 everyday between 6:17 and 23:17 and takes 27 resp. 25 minutes. Follow signs to  or CAT. The platform is left of the more announced CAT platform. Arrival also at another platform. Tickets: one way € 4.4 (two zones, or direct to **Wien Landstraße/Wien Mitte**), return: € 8.8

At **Landstrasse/Wien Mitte** take subway U4 direction Hütteldorf and get off at Karlsplatz. Go out at the back of train; take the right exit "Resselpark" up to the street. You see the Building of Technical University in front of you.





### **Railjet, 18 minutes, 3,9€**

Leaves half-hourly to main train station (Hauptbahnhof) (between 5:30 and 22:00). Journey time is about 18 minutes. Tickets: 3,9€ one way.

### **Limousine service, Taxi: 20-30 minutes, 25-40 €**

Travel time depends on day time and traffic situation. Many options, for example comparison at <http://www.flughafentaxi-wien.at/> or [www.viennaairport.com/en/passengers/arrival\\_parking/taxis\\_limousines](http://www.viennaairport.com/en/passengers/arrival_parking/taxis_limousines)  
Cheaper to pre-book (from € 25) than take on arrival (€ 40).

## **From main train station (Hauptbahnhof) to EUCog Venue**

**Subway, 10 minutes, € 2,2:** Take subway U1  5 min (every 3-8 min) and get off at **Karlsplatz**. Take the exit "Karlsplatz" up to the street. You see the Building of Technical University in front of you (see map below)

## **From Westbahnhof to EUCog Venue**

**Subway, 10 minutes, € 2,2:** Take subway U3  direction **Simmering** and get off at **Stephansplatz**. At Stephansplatz take subway U1 direction **Reumannplatz** and get off at **Karlsplatz**. Take the exit "Karlsplatz" up to the street. You see the Building of Technical University in front of you (see map below)

### **Useful Links**

Vienna International Airport: [www.viennaairport.com/en](http://www.viennaairport.com/en)

City Airport Train - CAT: [www.cityairporttrain.com](http://www.cityairporttrain.com)

public transportation Wiener-Linien: [www.wienerlinien.at](http://www.wienerlinien.at)

Main train station: <http://hauptbahnhofcity.wien/info-en/>

Westbahnhof: [www.bahnhofcitywienwest.at/english](http://www.bahnhofcitywienwest.at/english)



## 4 Program

### Thursday, December 8, 2016

- |               |  |
|---------------|--|
| 8:00 – 9:00   | Registration, Coffee   |
| 9:00 – 9:20   | Welcome & Opening Note   |
| 9:20 – 10:40  | 4 Talks (20 minutes each, incl. discussion) <ul style="list-style-type: none"><li>• <b>David Vernon and Markus Vincze</b><br/><i>What Industry wants from Cognitive Robotics</i></li><li>• <b>Florian Röhrbein</b><br/><i>Neurorobotics, a strategic pillar of the Human Brain Project</i></li><li>• <b>Ron Chrisley and Aaron Sloman</b><br/><i>Architectural Requirements for Consciousness</i></li><li>• <b>Fabio Bonsignorio</b><br/><i>Open Issues in Cognitive Embodied AI Architectures for New Robotics</i></li></ul>  |
| 10:40 – 10:00 | Coffee Break   |
| 11:00 – 12:20 | 4 Talks (20 minutes each, incl. discussion) <ul style="list-style-type: none"><li>• <b>Tamas Madl, Stan Franklin, Ke Chen and Robert Trappi</b><br/><i>Cognitive models of spatial memory in brains and robots</i></li><li>• <b>Maurice Lamb, Patrick Nalepka, Tamara Lorzen, Rachel W. Kallen, Ali Minai and Michael Richardson</b><br/><i>Grey Boxes without grey matter: Identifying the relevant dynamics of human coordination for the design of Artificial Cognitive Agents embedded in human-machine systems</i></li><li>• <b>Antonio Lieto</b><br/><i>The "Knowledge Limits" in Cognitive Architectures</i></li><li>• <b>Fabian Schrodtt, Jan Kneissler, Stephan Ehrenfeld and Martin V. Butz</b><br/><i>An Event-Schematic, Cooperative, Cognitive Architecture Plays Super Mario</i></li></ul> |



12:30 – 14:00	Lunch Break
14:00 – 15:00	Invited Speaker: Paul F.M.J. Verschure (UPF Barcelona) <a href="http://specs.upf.edu/people/paul-fmj-verschure">http://specs.upf.edu/people/paul-fmj-verschure</a>
15:00 – 16:30	Posters and Coffee, Snacks
16:30 – 17:30	Workshop on the future of EUCognition (all participants welcome)
17:30	End
19:00	Dinner at Heurigen (travel individually)

## Friday, December 9, 2016

9:00 – 10:40	5 Talks (20 minutes each, incl. discussion) <ul style="list-style-type: none"> <li>• <b>Robert Jenke and Angelika Peer</b> <i>Towards Incorporating Appraisal into Emotion Recognition: A Dynamic Architecture for Intensity Estimation from Physiological Signals</i></li> <li>• <b>Alexander Maye, Dari Trendafilov, Daniel Polani and Andreas K. Engel</b> <i>A visual attention mechanism for autonomous robots controlled by sensorimotor contingencies</i></li> <li>• <b>Annalisa Bosco and Patrizia Fattori</b> <i>Behavioral insights on influence of manual action on object size perception</i></li> <li>• <b>Riccardo Caccavale and Alberto Finzi</b> <i>Cognitive Control and Adaptive Attentional Regulations for Robotic Task Execution</i></li> <li>• <b>Tobias Werner, Dominik Riedelbauch and Dominik Henrich</b> <i>Learning to forget: Integrating Data Aging Strategies into a World Model for Robotic Systems.</i></li> </ul>
10:40 – 11:00	Coffee Break



11:00 – 12:20	4 Talks (20 minutes each, incl. discussion) <ul style="list-style-type: none"><li>• <b>Justus Piater</b> <i>From Machine Learning to Agency</i></li><li>• <b>Alberto Montebelli and Robert Lowe</b> <i>(Em)powering Emergent Cognition: Realistic proto-allostasis as a foundational route to cognitive ability</i></li><li>• <b>Robert Wortham and Joanna Bryson</b> <i>Instinct: A Biologically Inspired Architecture for Embedded Environments</i></li><li>• <b>Roger Moore</b> <i>A needs-driven Cognitive Architecture for Future "Inelligent" Communicative Agents</i></li></ul>
12:30 – 14:00	Lunch Break
14:00 – 15:00	Invited Speaker: David Vernon (Skövde) <a href="http://www.vernon.eu">http://www.vernon.eu</a>
15:00 - 16:00	Panel & Plenary discussion: The next steps Vernon, Verschure, Vincze, Chrisley, Sandamirskaya, Müller
16:00	End



## 5 Social Event

### Dinner at Heurigen Feuerwehr Wagner



The dinner on Thursday December 8, 2016 will be held at the Heurigen "Feuerwehr Wagner", Grinzing Straße 53, 1190 Vienna

#### How to get there

Take the subway U4 direction "Heiligenstadt" and get off at "Heiligenstadt" (final stop).

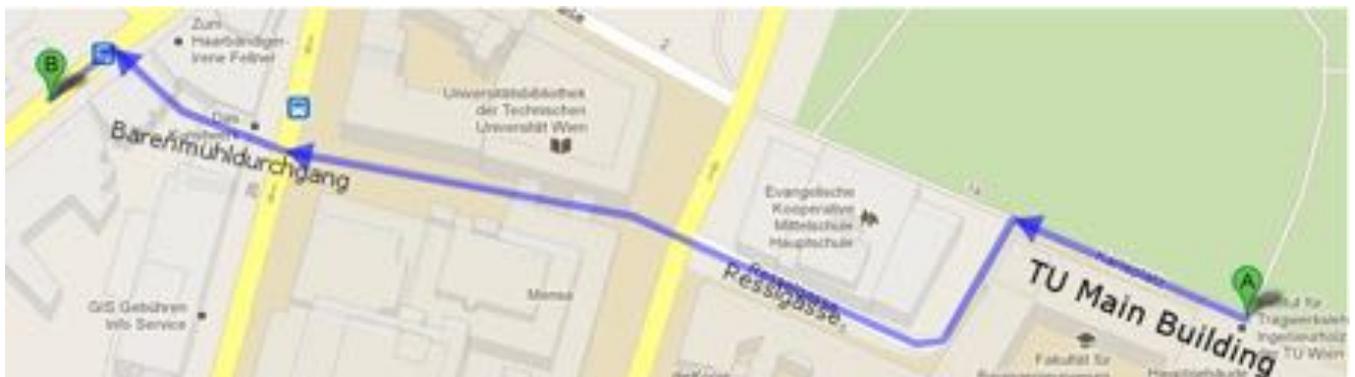
At Heiligenstadt take the bus 38A direction "Wagenwiesen" and get out at the bus stop "Neugebauerweg". The Heuriger is about 1 minute further along the street.





## 6 Restaurants at the Conference Site

Close to TU is the Naschmarkt, Vienna's most popular market. There are a lot of small restaurants, which offer different types of food (e.g. Sushi, Seafood, traditional Viennese food, etc.)



For a larger picture see here: <http://g.co/maps/bm2bs>

- Head northwest on **Karlsplatz** toward **Resslgasse**
- Turn left onto **Resselgasse**
- Continue onto **Bärenmühdurchgang**
- Turn right onto **Rechte Wienzeile/B1**
- Turn left toward **Linke Wienzeile/B1**
- Turn left onto **Linke Wienzeile/B1**
- Destination will be on the left

For more information about Naschmarkt see her:

<http://www.wien.info/en/shopping-wining-dining/markets/naschmarkt>



**more restaurants near TU Vienna**

e.g.



Larger Map:

<https://drive.google.com/open?id=1EVGcjBdgmHYPIK8eGj2rNUDCO4M&usp=sharing>

Nr.	Name	Cooking	Price category
1	<b>Asia Pavillion,</b> Favoritenstraße 1	Asian cooking	regular
2	<b>Wieden Bräu,</b> Waaggasse 5	Viennese cooking	regular
3	<b>Nelson's</b> Paniglgasse 14	Viennese cooking	regular
4	<b>Resslpark Café Restaurant,</b> Wiedner Hauptstraße 1	Viennese cooking	regular
5	<b>Gastwirtschaft Rohrböck,</b> Rilkeplaz 7	Viennese cooking	regular
6	<b>Santos,</b> Favoritenstraße 4-6	Mexican grill	regular

For an excessive list of places to eat and drink see here:

<http://www.tourist-net.co.at/lokale/index/wien4.htm>



## 7 Other Useful Information

### Climate

The Climate in Vienna is expected to be xxxx

Austrian weather forecast: <http://www.weathercity.com/at/vienna/>

### Sightseeing in Vienna

There is much to see: From Gothic St. Stephen's Cathedral to the Imperial Palace to the Art Nouveau splendor of the Secession, from the magnificent baroque palace Schönbrunn to the Museum of Fine Arts to modern architecture at the Museums Quartier

- **Schönbrunn Palace** - This baroque complex contains an enchanting park, the Palm House, the Gloriette and a zoo.
- **Schönbrunn Zoo** - The Vienna Zoo at Schönbrunn is the oldest existing zoo in the world and was voted in 2015 for the fourth time as Europe's best zoo.
- **Museum of Fine Arts** - With its vast array of eminent works and the largest Bruegel collection in the world, it is considered one of the most eminent museums in the world.
- **Naschmarkt** - The Naschmarkt is Vienna's most popular market. Located at the Wienzeile over the Wien River it is about 1,5 kilometers long.
- **St. Stephen's Cathedral** - (German: *Stephansdom*) is the mother church of the Archdiocese of Vienna. The current Romanesque and Gothic form of the cathedral, seen today in the Stephansplatz, was largely initiated by Duke Rudolf IV (1339–1365) and stands on the ruins of two earlier churches, the first a parish church consecrated in 1147
- **Kärntner Straße** (German for Carinthia street) is the most famous shopping street in central Vienna. It runs from the Stephansplatz out to the Vienna State Opera at Karlsplatz on the Ringstraße