CHANGE/OFELIA Summer School
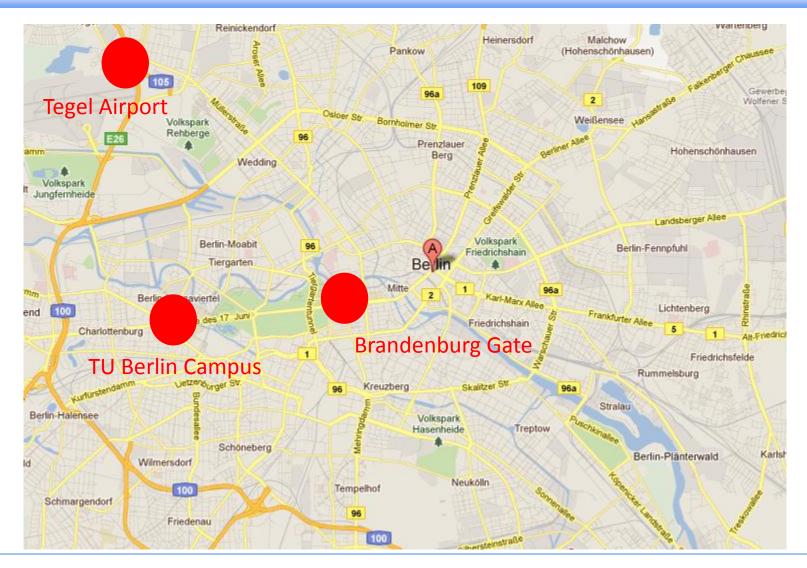
Berlin, November 7-11, 2012

Local Information: Berlin
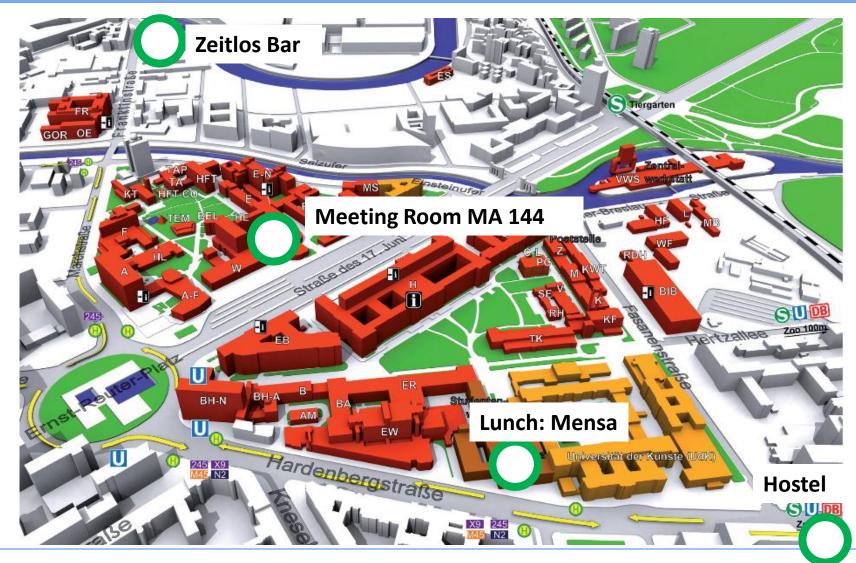
Local Information: Campus Map

Zeitlos Bar

Meeting Room MA 144

Lunch: Mensa

Hostel

- BVG: Subways, S-Bahn, bus
  - http://www.bvg.de/index.php/en/index.htm
- Zone AB
  - Covers complete city
  - Includes Tegel Airport
  - Does NOT include Schönefeld Airport
- Tickets
  - Single ticket: 2,30€
  - Day pass: 6,30€
  - 7-day pass: 27,30€

Agenda

ZEIT	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:30		Srini Seetharaman, Paul Weissmann: Introduction to OpenFlow (OF)	Hideyuki Shimonishi, Y. Chiba, Y. Takamiya: OpenFlow platform Trema, hands-on session	Andrew Moore: NetFPGA	F. Huici: Flowstream and ClickOS: Flexible Flow Processing
09:30-10:00					
10:00-10:30					
10:30-11:00					
11:00-11:30	Reception (sandwiches)				L. Rizzo: Software packet processing on commodity OS: the netmap framework
11:30-12:00		Poster Session 1	Poster Session 2	Poster Session 3	
12:00-12:30					
12:30-13:00	Mark Handley: Problems of the current Internet, CHANGE project introduction	Lunch	Lunch	Lunch	
13:00-13:30					
13:30-14:00		P. Weissmann, S. Seetharaman: OF for production networks - experience report	Christian Esteve Rothenberg: Virtualized IP routing services in OpenFlow networks	Anil Madhavapeddy, Richard Mortier: Building a functional router with Mirage and OpenFlow	
14:00-14:30					
14:30-15:00					
15:00-15:30					
15:30-16:00	Laurent Mathy: Network virtualization	Dimitra Simeonidou: Extended OpenFlow protocol for circuit switching domain and optical network virtualization			
16:30-16:30				C. Raiciu: Centralized or Distributed? An analysis of solutions that efficiently utilize datacenter networks	
16:30-17:00					
17:00-17:30					
17:30-18:00			Social Event (Computer Games Museum)		
Evening				Social Party (Zeitlos bar)	

Coffee break

Agenda

- **12 presentations**
  - Future Internet, OpenFlow, NetFPGAs, …
  - Presentations + hands-on exercises
  - Interactive → ask questions!
- **3 poster sessions**
  - Tuesday, Wednesday, Thursday: before lunch break
  - 9 students per session
  - Time to present your research and get feedback!
- **Social events**
  - Time for further discussions and networking!
- http://changeofelia.info.ucl.ac.be/SummerSchool/Program

- Coffee breaks
  - Served in meeting room (MA 144)
  - At 10:15 and at 15:00
- Lunch
  - In Mensa of TU Berlin, Hardenbergstr. 34
  - Choice between various menus
  - Vouchers will be distributed
  - If you want to have free lunch, follow me! ☺

- 90 hours (3 ECTS) of work if you
  - submitted 2 page extended abstract
  - reviewed abstracts of other students
  - present poster in one of the poster sessions
  - attend the summer school
- 30 hours (1 ECTS) of work if you
  - "only" attend the summer school
- Certificates will be handed out on Friday

- ## Computer Games Museum
  - www.computerspielemuseum.de
  - Guided tour: History of gaming
  - "Hands-on session": Gaming

- ## Organization
  - Charter bus:
    - 16:50 in front of TU Berlin / MA building
  - Museum 18:00 – 19:30
  - 19:30 > time to explore Berlin

- ## Who will participate?

- Zeitlos Bar
  - Tapas & Cocktails
  - Franklinstraße 10

- Organization
  - Departure in MA 144 after last talk
  - Walk: 10 minutes

- First round of cocktails is free!

Accommodation

- ## Breakfast included
  - You should have received a wristband!

- ## Bedclothes, towels included
  - E.g., no replacement of towels during the week

- ## House rules
  - No smoking
  - Be quiet between 22:00 and 06:00
    - no showers during this time
  - No alcohol inside the room!

Acknowledgements

- Organization
  - Olivier Bonaventure, Dominik Schatzmann, Gregory Detal, Birgit Hohmeier-Toure, Saverio Nicolini, Reza Nejabati, Julius Schulz-Zander, Steve Uhlig,
- Speakers
  - Mark Handley, Laurent Mathy, Srini Seetharaman, Paul Weissmann, Siamak Azodolmolky, Hideyuki Shimonishi, Christian Rothenberg, Andrew Moore, Richard Mortier, Costin Raiciu, Felipe Huici, Luigi Rizzo
- TPC
  - Pierre Francois, Felipe Huici, Wolfgang Mühlbauer, Costin Raiciu, Dominik Schatzmann, Steve Uhlig
- Everyone who presents a poster and who attends the "summer" school