

1st EMANICS Workshop on Peer-to-Peer Management

Workshop Co-Chairs:

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Peer-to-peer

- Networking concept successfully used by different applications
 - E.g., P2P file sharing, P2P telephony, P2P video streaming
- Known to scale well and to achieve a high robustness

Management

- P2P networks have no central point of control
- P2P management remains a challenge

P2P Management

- Use of P2P concepts for network and service management
- Management of P2P networks
- Fully decentralized and distributed management approaches

Workshop Statistics



38 participants

- 12 presenters (EMANICS)
- 12 participants (EMANICS)
- 1 keynote speaker (Non-EMANICS)
- 13 participants (Non-EMANICS)
 - Swiss + nearby universities (Darmstadt, ETH, Innsbruck, Konstanz, Lugano)
 - Swiss + nearby industry (DoCoMo, IBM, Netcetera, RayV)

Acknowledgements



Keynote Speaker

• Prof. Dr. Ralf Steinmetz, TU Darmstadt, Germany

EC IST-EMANICS Network of Excellence (NoE #26854)

• Financial Sponsor

Communication Systems Group CSG, Department of Informatics IFI, University of Zurich

• Infrastructure, Technical Sponsor

Last but not least: all the speakers!

Agenda Monday



- 10:45 Keynote: Efficiency and Information Management in Peer-to-Peer Systems Ralf Steinmetz, Darmstadt University of Technology
- 11:45 P2P Technologies Employed in Network Management Lisandro Zambenedetti Granville, University of Twente and UFRGS
- 12:30 Lunch break
- 14:00 Distributed and Autonomic Real-Time Traffic Analysis Cristian Morariu, University of Zurich

Agenda Monday (cont'd)



- 14:45 Distributed Monitoring of Resource Usage in a Virtual Lab Pau Valles and Joan Serrat, Technical University of Catalonia
- 15:30 Coffee break
- 16:00 Distributed Case-Based Reasoning for Fault Management Ha Manh Tran, Jacobs University Bremen
- 16:45 Distributed Fault Management and Fault Recovery Feng Liu, Ludwig-Maximilians-University Munich (cancelled due to speaker illness)
- 17:30 End of first workshop day
- 19:00 Social event

Agenda Tuesday



- 09:00 Start of second workshop day
- 09:15 Policy-based Management of Wireless Ad Hoc and P2P Networks Antonis Hadjiantonis, University of Surrey
- 10:00 Coffee break
- 10:30 Revocation Mechanisms in P2P Networks Thibault Cholez, Nancy University
- 11:15 Agent based Modelization for P2P Networks Julien Siebert, INRIA Lorraine



Agenda Tuesday (cont'd)

- 12:00 Lunch break
- 13:00 Fast Similarity Search for Structured P2P Systems Thomas Bocek and Fabio Hecht, University of Zurich
- 13:45 Interworking of P2P-SIP and traditional SIP Network Balamurugan Karpagavinayagam, INRIA Lorraine
- 14:30 Wrap up and discussion
- 15:00 End of second workshop day

Workshop Proceedings



Presentations will be uploaded to the workshop website after the workshop

- http://www.csg.uzh.ch/events/p2p-ws/
- All speakers please send slides to hausheer@ifi.uzh.ch

Further dissemination ideas

- Submit (joint) papers to the P2P computing conference?
- Write a joint book?



Local Services

WLAN Access

- SSID: emanics
- WPA 64 bit
- Password without quotes plain text: "WSHOP" or hex "57 53 48 4F 50" [without spaces]

Breaks

- Coffee from times onward noted in agenda
- Drinks and cookies available all the time

Lunch

- Today (Monday): Mensa (Voucher)
- Tomorrow (Tuesday): Sandwiches

Social Event

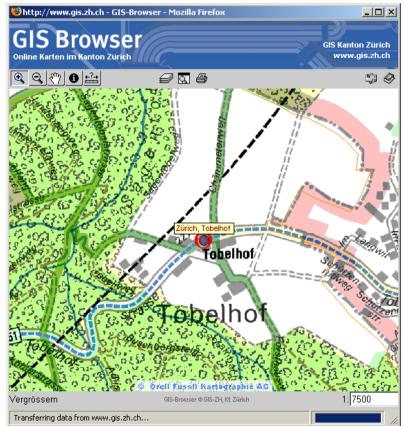
• Today (Monday): Traditional Swiss Food



Social Event: Location

Restaurant: Chäsalp Tobelhofstrasse 236 8044 Zürich







Joint walk from UZH meeting room to tram station, starting at 18.00 hours at UZH

24 hour Ticket of Zone 10 (Zürich) already bought?

• For latecomers: From Kirche Fluntern (reachable by Tram 5 and 6) Bus 751 starting at 18.48 hours (joint plan) and 19.18 or later 19.48 hours

Starting time in restaurant is at 19.00 hours



and summ

Social Event: Transport Schedule

Detailed view					
Station/Stop	Date	Time	Platform	Products	Comments
Zürich, Bahnhof Oerlikon Ost 主 🎫 Zürich, Schaffhauserplatz 主 🎫	03.03.08	dep 18.17 arr 18.26		<u>Trm 14</u>	Trm Direction: Zürich, Triemli
Zürich, Schaffhauserplatz 主 M Zürich, Schaffhauserplatz 主 M				🚺 walk	2 min.
Zürich, Schaffhauserplatz 💶 M		dep 18.32		🛺 <u>Tro 33</u>	Tro Direction: Zürich, Bahnhof
Zürich, Kirche Fluntern 💶 M		arr 18.41			Tiefenbrunnen
Zürich, Kirche Fluntern 💶 M Zürich, Kirche Fluntern 💶 M				🚺 walk	2 min.
Zürich, Kirche Fluntern 💶 M		dep 18:48 arr 18:53		🛺 <u>Bus 751</u>	Bus Direction: Zürich, Bahnhof Stettbach



Social Event: Return Times

Return options: (a) Joint return (b) Individual return

Bus 751 starting at Tobelhofstrasse at:

- 20.42 hours
- 21.42 hours (planned return time)
- 22.42 hours

Bus 751 to Kirche Fluntern, Bus 33 to Schaffhauserplatz, Tram 14 to Oerlikon





Thank you for attending!

We wish you a lively and interesting Workshop with many interactions.