

NANOMATCH Network Meeting

**Zürich
(Switzerland),**

13.02 – 15.02.2008

VENUE

Building 17, Floor M, Room 05

University of Zürich

Irchel Campus

Winterthurerstrasse 190

CH-8057 Zürich

<http://www.uzh.ch/>

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Network Meeting Zürich: Programme

Wednesday, February 13th

- 20:00 *Young Researcher Forum* (Bar of Restaurant Linde Oberstrass, see page 5)
- 20:00 Meeting of the *Steering Committee* (Restaurant Linde Oberstrass, see page 5)
- 20:30 Dinner** (Restaurant Linde Oberstrass, see page 5)

Thursday, February 14th

- 09:00-09:10 Welcome Address *Dominik Brühwiler*
- 09:20-09:30 NANOMATCH: Network News *Hans-Joachim Egelhaaf & Johannes Gierschner*
- 09:30-09:50 Aleksey Lyubimtsev (UTU-II): *"Molecular stopcocks based on phthalocyanine heads"*
- 09:50-10:10 Le-Quyenh Dieu (UZH): *"Novel phthalocyanine-based stopcocks for zeolite L"*
- 10:10-10:30 Jan Hinrich Ramm (UZH): *"Progress report"*
- 10:30-11:00 Coffee Break**
- 11:00-11:20 Ricarda Berger (UBERN): *"Crystallization Methods"*
- 11:20-11:40 Anna Chizhik (UTU-I): *"Determination of single molecule orientation and investigation of the field distribution inside a μ -cavity with higher order laser modes"*
- 11:40-12:00 Julius Tsuwi (UBERN): *"Photophysical and dielectric relaxation investigation on Host-Guest inorganic/organic compounds: Part I"*
- 12:00-12:20 Fabio Cucinotta (MUE): *"Photophysical and dielectric relaxation investigation on Host-Guest inorganic/organic compounds: Part II"*
- 12:20-12:40 Aurelie Guenet (MUE): *"Report on former and present activities"*
- 12:40-14:00 Lunch**
- 14:00-14:20 Abderrazzak Douhal, Toledo: *"Femto & single molecule science in Toledo: overview;, applications to nanocavities & caged assemblies"*
- 14:20-14:40 Mark Leenen (CV): *"Benzodithiophene based materials: design, synthesis and application"*
- 14:40-15:00 Lucas Viani (CMN): *"Tuning of 3D Energy Migration in Supramolecular Host-Guest Architectures"*

15:00-15:20 Krisztina Szendrei (RuG): *"Progress report"*

15:20 **Joint Activity** ("Top of Zurich")

18:30 **Dinner** (Restaurant Gmütliberg)

Friday, February 15th

09:00-09:20 Agnieszka Gocalinska (UNICA-II): *"Towards efficient electron extraction from colloidal quantum dots"*

09:20-09:40 Agnieszka Mech (UNICA-I): *"Erbium-exchange zeolite – a few ideas for making an efficient NIR emitter"*

09:40-10:00 Alicja Gasecka (ENSC): *"Polarized nonlinear microscopy applied to structural imaging in organic and biological media"*

10:00-10:20 Katsiaryna Lutkouskaya (ENSC): *"Report on former and present activities"*

10:20-10:40 Stefan Meskers (TUE): *"Progress report"*

10:40-11:10 **Coffee Break**

11:10-11:30 Varun Vohra (ISMAL): *"First steps towards innovative OLEDs"*

11:30-11:50 Alina Pruna (CRF): *"Progress report"*

11:50-12:10 Heiko Thiem (CV): *"Printing of Zeolites"*

12:10-13:00 **Discussion forum**

13:00-14:30 **Lunch**

14.30-15.15 **Brainstorming**

15.15-15.30 Concluding Remarks *Hans-Joachim Egelhaaf & Johannes Gierschner*

15.30-19.00 Free time for discussions (optional)

19:30 **Dinner** (optional)

NANOMATCH Meeting Zürich: List of Attendees:

No	Name	Group	Function	Arrival	Departure	Nights	Dinner 13/3	Lunch 14/3	Dinner 14/3	Lunch 15/3	Dinner 15/3
1	Hans-Joachim Egelhaaf	UTU	PI	13.2	15.2	2	x	x	x	x	
2	Johannes Gierschner	UTU	PI	13.2	15.2	2	x	x	x	x	
3	Anna Chizhik	UTU	YR	12.2	15.2	3	x	x	x	x	
4	Alfred Meixner	UTU	PI	12.2	15.02	2	x	x	x	x	
5	Jürg Hulliger	UBERN	PI	14.2	15.2	0	x	x	x	x	
6	Julius Tsui	UBERN	YR	12.2	15.2	3	x	x	x	x	
7	Ricarda Berger	UBERN	YR	12.2	15.2	3	x	x	x	x	
8	Gion Calzaferri	UBERN	PI	13.2	15.2	0	x	x	x	x	
9	Mark Leenen	CV	YR	12.2	15.2	3	x	x	x	x	
10	Heiko Thiem	CV	PI	13.2	15.2	2	x	x	x	x	
11	Anna Prodi-Schwab	CV	PI	13.2	15.2	2	x	x	x	x	
12	Andrea Mura	UNICA-1	PI	13.2	15.2	2	x	x	x	x	
13	Agnieszka Gocalinska	UNICA-1	YR	12.2	16.2	4	x	x	x	x	x
14	Chiara Botta	ISMAL	PI	13.2	15.2	2	x	x	x	x	
15	Varun Vohra	ISMAL	YR	12.2	16.2	3	x	x	x	x	x
16	Riccardo Tubino	UNICA-2	PI	13.2	15.2	2	x	x	x	x	
17	Giorgio Macchi	UNICA-2	PI	13.2	15.2	2	x	x	x	x	
18	Agnieszka Mech	UNICA-2	YR	12.2	15.2	3	x	x	x	x	
19	Sophie Brasselet	ENSC	PI	13.2	15.2	2	x	x	x	x	
20	Alicja Gasecka	ENSC	YR	12.2	15.2	3	x	x	x	x	x
21	Katsiaryna Lutkouskaya	ENSC	YR	12.2	15.2	3	x	x	x	x	
22	Luisa de Cola	MUE	PI	13.2	15.2	2	x	x	x	x	
23	Fabio Cucinotta	MUE	YR	12.2	15.2	3	x	x	x	x	
24	Aurelie Guenet	MUE	YR	12.2	15.2	3	x	x	x	x	
25	Daniele Pullini	CRF	PI	13.2	15.2	2	x	x	x	x	
26	Alina Pruna	CRF	YR	13.2	15.2	2	x	x	x	x	
27	Jerome Cornil	CMN	PI	13.2	15.2	2	x	x	x	x	
28	David Beljonne	CMN	PI	13.2	15.2	2	x	x	x	x	
29	Lucas Viani	CMN	YR	12.2	15.2	3	x	x	x	x	x
30	Krisztina Szendrei	RuG	YR	12.2	15.2	3	x	x	x	x	
31	Alexy Lyubimtsev	UTU-2	YR	13.2	15.2	2	x	x	x	x	
32	Dominik Brühwiler	UZH	PI			0	x	x	x	x	
33	Jan Hinrich Ramm	UZH	YR			0	x	x	x	x	x
34	Le-Quyen Dieu	UZH	YR*			0	x	x	x	x	x
35	Hanna Ritter	UZH				0	x	x	x	x	
36	Stefan Meskers	TUE	PI	13.2	15.2	2	?	x	x	x	
37	Gaetan Couderc	UBERN		13.2	15.2	0		x		x	
38	Michael Hanack	UTU-2	PI	13.2	14.2						
39	André Devaux	UBERN				0	x	x	x	x	
40	Abderrazzak Douhal	Toledo		13.2	15.2	2	x	x	x	x	

GENERAL INFORMATION

Tourist Information

<http://www.zuerich.com/>

Hotels

Hotel Coronado, Schaffhauserstrasse 137, CH-8057 Zürich
Tel. 0041 44 360 26 26, Fax 0041 44 360 26 36
<http://www.hotel-coronado.ch/>

Hotel Sternen Oerlikon, Schaffhauserstrasse 335, CH-8050 Zürich
Tel. 0041 43 300 65 65, Fax 0041 43 300 65 66
<http://www.sterrenoerlikon.ch/>

Comfort Inn Royal, Leonhardstrasse 6, CH-8001 Zürich
Tel. 0041 44 266 59 59, Fax 0041 44 266 59 60
<http://www.comfortinn.ch/>

Hotel Krone Unterstrass, Schaffhauserstrasse 1, CH-8006 Zürich
Tel. 0041 44 360 56 56, Fax 0041 44 360 56 00
<http://www.hotel-krone.ch/>

Hotel Rigihof, Universitätsstrasse 101, CH-8033 Zürich
Tel. 0041 44 360 12 00, Fax 0041 44 360 12 07
<http://www.hotel-rigihof.ch/>

Dinner Locations

Restaurant Linde Oberstrass (Wednesday, Feb. 13th)
Universitätsstrasse 91, CH-8006 Zürich
<http://www.linde-oberstrass.ch/>

The restaurant is located just down the street from Hotel Rigihof (Nr. 5 on map A).

From Hotel Coronado and Sternen Oerlikon take Tram 10 in the direction "Bahnhofplatz" or "Hauptbahnhof" and exit at the stop "Winkelriedstrasse".

From Krone Unterstrass take Tram 14 in the direction "Seebach" and exit at the stop "Milchbuck". From there, take Tram 10 in the direction "Bahnhofplatz" or "Hauptbahnhof" and exit at the stop "Winkelriedstrasse".

From Comfort Royal Inn take Tram 10 in the direction "Bahnhof Oerlikon" and exit at the stop "Winkelriedstrasse".

Restaurant Gmuetliberg (Thursday, Feb. 14th)
<http://www.gmuetliberg.ch/>

TRANSPORT INFORMATION

How to get to your hotel

From the airport: The airport is located out of town. To get to the city, take the train to Zürich Main Station (Zürich HB). A taxi from the airport to the city costs around CHF 55 (ca. EUR 34).

From the train station: Zürich Main Station (HB = Hauptbahnhof) is shown on map A. From there you can take a tram (refer to the website of your hotel for more details) or a taxi.

How to get from your hotel to the Nanomatch Meeting

Refer to map A for the location of your hotel and map B for a view of the Irchel Campus.

From Coronado (1): Cross the street in front of the hotel, walk through the park and up the stairs. Turn left at the blue square, enter building 17/36, and take the elevator to the M floor. Turn left when you exit the elevator and find room 05.

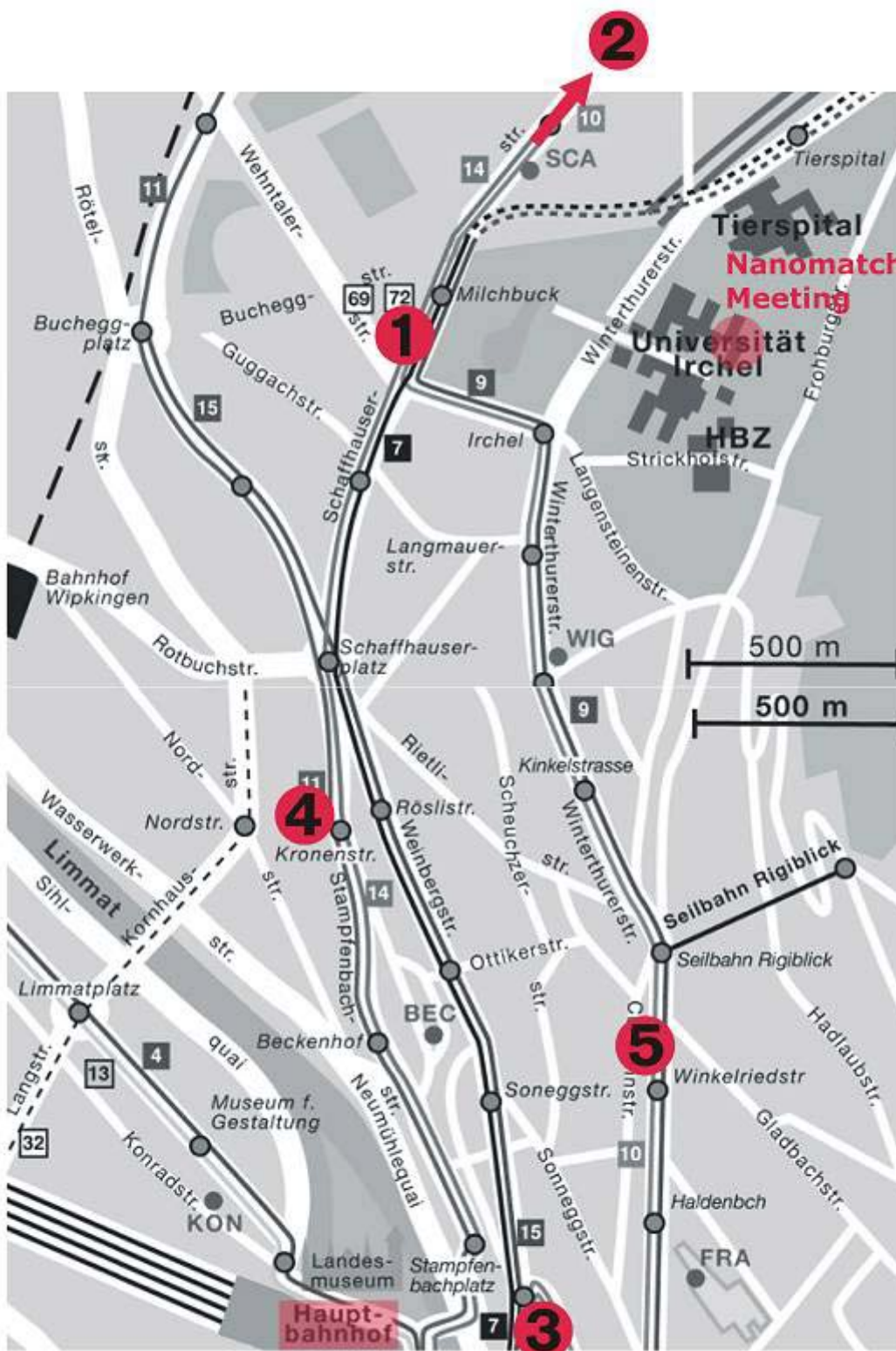
From Sternen Oerlikon (2): Take Tram 14 in the direction "Triemli" or Tram 10 in the direction "Bahnhofplatz" or "Hauptbahnhof". Exit at the stop "Milchbuck". Walk through the park and up the stairs. Turn left at the blue square, enter building 17/36, and take the elevator to the M floor. Turn left when you exit the elevator and find room 05.

From Comfort Inn Royal (3): Take Tram 7 in the direction "Bahnhof Stettbach" or Tram 10 in the direction "Bahnhof Oerlikon". Exit at the stop "Milchbuck". Walk through the park and up the stairs. Turn left at the blue square, enter building 17/36, and take the elevator to the M floor. Turn left when you exit the elevator and find room 05.

From Krone Unterstrass (4): Take Tram 14 in the direction "Seebach". Exit at the stop "Milchbuck". Walk through the park and up the stairs. Turn left at the blue square, enter building 17/36, and take the elevator to the M floor. Turn left when you exit the elevator and find room 05.

From Rigi Hof (5): Take Tram 9 in the direction "Hirzenbach" or Tram 10 in the direction "Bahnhof Oerlikon". Exit at the stop "Irchel". Walk to the entrance of building 17/36 (refer to map B) and take the elevator to the M floor. Turn left when you exit the elevator and find room 05.

Further information on public transportation in Zürich: <http://www.zvv.ch/>



Map A. Location of the hotels. (1) Coronado, (2) Sternen Oerlikon, (3) Comfort Inn Royal, (4) Krone Unterstrass, (5) Rigihof. Only major streets are shown.



Map B. Irchel Campus of the University of Zürich. The meeting and YR workshop take place in building 17, floor M, room 05.

Young Researchers Workshop

Building 17, Floor M, Room 05

University of Zürich

Irchel Campus

Winterthurerstrasse 190

CH-8057 Zürich

<http://www.uzh.ch/>

Wednesday, February 13th

- 08:50-09:00 *Welcome Address*
Dr. Dominik Brühwiler
- 09:00-10:00 *Supra-molecular chemistry beyond the solution phase:
Addressable, surface mounted supra-molecular architectures and their
characterisation in view of future multistable devices*
Dr. Thomas A. Jung, Laboratory for Micro- and Nanotechnology, PSI
- 10:00-10:30 **Coffee Break**
- 10:30-11:30 *Hexagonal boron nitride nanomesh as a template for molecular arrays*
Prof. Jürg Osterwalder, Physics Institute, University of Zürich
- 11:30-12:30 *Self assembled organic NLO films*
Prof. Peter Günter, Nonlinear Optics Laboratory, ETH Zürich
- 12:30-14:00 **Lunch**
- 14:00-15:00 *Plasmonic nano-antennae*
Dr. Mario Agio, Laboratory of Physical Chemistry, ETH Zürich
- 15:00-16:00 *Organic solar cells based on photographic dyes*
Dr. Frank Nüesch, Laboratory for Functional Polymers, EMPA Dübendorf
- 16:00-16:30 **Coffee Break**
- 16:30-17:30 *Nanopatterning in ultra high vacuum with the dynamic nanostencil*
Dr. Leo Gross, IBM Research Laboratory Zürich

Workshop Zürich: List of Attendees:

1	Anna Chizhik
2	Julius Tsui
3	Ricarda Berger
4	Gion Calzaferri
5	Mark Leenen
6	Agnieszka Gocalinska
7	Varun Vohra
8	Agnieszka Mech
9	Alicja Gasecka
10	Katsiaryna Lutkouskaya
11	Fabio Cucinotta
12	Aurelie Guenet
13	Alina Pruna
14	Krisztina Szendrei
15	Alexy Lyubimtsev
16	Lucas Viani
17	Le-Quyenh Dieu
18	Hanna Ritter
19	Jan Hinrich Ramm
20	Dominik Brühwiler
21	Gaetan Couderc
22	André Devaux