

Language courses program HS 08

Level A1 part 1

For absolute beginners or students with only very few background knowledge. Two double lessons per week:

-Tuesday 7:00 - 9:00 pm, ETH HG G 19.2

-Thursday 7:00 - 9:00 pm, ETH HG G 19.2

Start: Third week of semester.

Level B1 course

On average three lessons a week:

-Wednesday 10:30 - 12:00 am, ETH HG G 67.2

-Thursday 3:00 - 5:00 pm, ETH HG G 67.2

(every second Thursday, starting October 2nd)

Start: Third week of semester.

Costs:

- PHD students and postdocs of ZGSM 300 CHF

- Scholarshipholders 100 CHF

- Others 650 CHF

Learning German at ZGSM

Most of the PhD fellowships of the Zurich Graduate School in Mathematics are teaching fellowships. Typically graduate students teach exercise classes for undergraduates in German. We expect that PhD students from abroad acquire within the first year of their studies adequate proficiency in German for teaching math classes.

As a courtesy ZGSM offers German language program for their members specially designed to acquire the needed skills in German within their first two years of study. The courses cover the international standards A1, A2 and B1. As a special feature the course at level B1 includes practice classes for teaching mathematics in German. By the end of the first respectively second year students have the possibility of taking the exam of the certificate for the level A2 respectively B1 of the Goethe Institut.

To a large extent, the courses are financially supported by the ZGSM. However we ask each participant for a financial contribution.

Our course program is a two-year program. The first year program is intensive but leaves ample time for research, graduate course work and research seminars. Our aim is to enable all members of the ZGSM in relatively short time to communicate in German in daily life, thus making life in Zurich much more enjoyable.

Further information

If you are interested in one of the courses please contact Hedi Oehler, oehler@math.ethz.ch, Tel. 044-632-4442.

Core program

The Zurich Graduate School in Mathematics offers a two year program in German.

The program of the first year is meant for beginners and aims at reaching the international standard A2. It consists of four courses, one course offered during each of the two semesters and the remaining two held during the semester breaks in January respectively June. By the end of the first year, students have the possibility to take the exam for the certificate for the level A2 of the Goethe Institut.

In order to make learning as efficient as possible the size of our classes are held small. To reach our goal of mastering level A2 by the end of the first year considerable amount of homework is given and students have to actively participate in classes.

The program of the second year aims at reaching international standard B1. It consists of two semester courses. Writing skills, and as a special feature, coaching for teaching mathematics in German are emphasized. By the end of the second year the students have the possibility to take the exam of the certificate for the level B1 of the Goethe Institut.

Please do not hesitate to contact us if you have questions or seek advise with regard to learning German.

Impressum

Publisher: Zurich Graduate School in Mathematics

Contact: info@zgsm.ch

Zurich Graduate School in Mathematics

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Issue No 5 - Fall Semester 08

Welcome

We welcome as new members of our graduate school:

PhD students

David Adjashvili (ETH)

Utsav Choudhury (UZH)

Jakob Ditchen (ETH)

Florian Kraemer (ETH)

Andrea Moiola (ETH)

Roman Muraviev (Scholarship)

Asieh Parsania (UZH)

Mircea Petrache (Scholarship)

Jernej Pribosek (Scholarship)

Philipp Rütimann (ETH)

Jürg Schelldorfer (ETH)

Mingxi Wang (ETH)

Benedikt Zeller (ETH)

Postdocs

Michel Baes (ETH)

Imran Biswas (ETH)

Fraser Daly (UZH)

Catherine Donnelly (ETH)

Mark Flanagan (UZH)

Vasile Gradinaru (ETH)

Carlos Jerez Hanches (ETH)

Maria Michalogiorgaki (UZH)

Viorica Motreanu (UZH)

Mark Podolskij (ETH)

Alexandr Usnich (UZH)

Shuheng Zhou (ETH)

Faculty

Christian Engström (ETH)

Tobias von Petersdorff (ETH)

Congratulations

We congratulate for finishing their PhD:

Andreas Henrici (UZH)

Patrick Huguenot (ETH)

Markus Kalisch (ETH)

Julia Kowalski (ETH)

Noemi Kurt (UZH)

Nils Reich (ETH)

Alina Rull (UZH)

Kersten Schmidt (ETH)

Luca Stefanini (UZH)

International relations

• International Research Training Group "Arithmetic and Geometry": Summer school: May 10 - 15, 2009 in Ascona, Switzerland.

Studies abroad

The Zurich Graduate School supports studies abroad, in particular, but not exclusively, within the framework of the international research training groups *Arithmetic and Geometry* and *Stochastic Models of Complex Systems*. PhD students who are interested are asked to apply. For further information please contact the office of the graduate school.

Course program

Please find enclosed the course program of the fall semester 08. In particular we would like to invite you to our special activities on Tuesdays, the Zurich Colloquium in Mathematics and the Zurich Graduate Colloquium. See separate announcements for further details.

Language courses

The new courses will start in the third week of the fall semester. See detailed information on the back page.

Social activities

Fondue

The graduate school organizes its fondue evening in December. It will take place at Irchel campus, in the Lichthof of the building Y27K, starting at 6:30 pm. All faculty members, PhD students and postdocs of the graduate school are invited. The exact date will be announced by mail.

Stammtisch

After the Zurich Graduate Colloquium, PhD students and postdocs meet in one of Zurich's bars. These meetings are a chance to get to know each other better. The new PhD students and postdocs are particularly welcome. The dates of these meetings will be announced by mail.

Zurich Graduate School in Mathematics

For further information and activities see www.zgsm.ch

ZGSM Graduate Course Program

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8	Algorithmische Methoden in der Algebra (V) Markus Brodmann 08.00-10.00 -- UZH Y27-H-12; Übungen n.V.	Characteristic Classes (V) Peter Albers 08.15-10.00 -- ETH HG G 3 Mathematical Modeling in Continuum Physics (V) Manuel Torrilhon 08.15-10.00 -- ETH HG F 26.1	Mathematical Finance (U) Martin Schweizer 08.15-10.00 -- ETH HG D 3.2	Mathematical Finance (V) Martin Schweizer 08.15-10.00 -- ETH HG F 3 Algorithmische Methoden in der Algebra (V) Markus Brodmann 08.00-10.00 -- UZH Y27-H-12; Übungen n.V.	
9					
10	Mathematical Modeling in Continuum Physics (V) Manuel Torrilhon 10.15-12.00 -- ETH HG F 26.1 Kryptographie (V) Joachim Rosenthal 10.15-12.00 -- UZH Y27-H-12; Übungen n.V.	Homologische Algebra und modulare Darstellungstheorie (V) Karin Baur 10.15-12.00 -- ETH HG D 5.2 Kryptographie (V) Joachim Rosenthal 10.15-12.00 -- UZH Y27-H-12; Übungen n.V. Hyperbolic Systems of Conservation Laws (V) Camillo De Lellis 10.15-12.00 -- UZH Y27-H-28; Übungen n.v.	Spezielle Kapitel der Riemannschen Geometrie (V) Viktor Schroeder 10.15-12.00 -- UZH Y27-H-28; Übungen n.V. Ricci Flow and the Sphere Theorem (*) Simon Brendle 10.15-12.00 -- ETH HG G 43	Selected Topics in Probability (V) Alain-Sol Sznitman 10.15-12.00 -- ETH HG E 21 Spezielle Kapitel der Riemannschen Geometrie (V) Viktor Schroeder 10.15-12.00 -- UZH Y27-H-28; Übungen n.V. Time Series Analysis (V) Peter Bühlmann 10.15-12.00 -- ETH HG D 1.2	
11				Homologische Algebra und modulare Darstellungstheorie (U **) Karin Baur 11.10-11.55 -- ETH HG G 26.3	
12					Computational Electromagnetics (V) Ralf Hiptmair 12.15-14.00 -- ETH HG F 26.1
13			Mathematical Finance (V) Martin Schweizer 13.15-15.00 -- ETH HG D 1.1	Homologische Algebra und modulare Darstellungstheorie (V) Karin Baur 13.15-15.00 -- ETH HG G 3	
14	Selected Topics in Probability (V) Alain-Sol Sznitman 14.15-15.00 -- ETH HG E 21				Computational Electromagnetics (U) Ralf Hiptmair 14.15-16.00 -- ETH HG F 26.1
15	Hyperbolic Systems of Conservation Laws (V) Camillo De Lellis 15.00-17.00 -- UZH Y27-H-28; Übungen n.v.	Time Series Analysis (V) Peter Bühlmann 15.15-16.00 -- ETH HG D 1.2		Quantitative Risk Management (V) Johanna Neselehova 15.15-17.00 -- ETH HG D 1.2	Homologische Algebra und modulare Darstellungstheorie (U **) Karin Baur 15.15-16.00 -- ETH HG G 26.1
16					Computational Electromagnetics (V) Ralf Hiptmair 16.15-18.00 -- ETH HG F 26.1
17		Zurich Colloquium in Mathematics P. Bühlmann, G. Felder, T. Kappeler, A. Kresch, D. Salamon, V. Schroeder, C. Schwab, A.-S. Sznitman 17:15-18:15 -- UZH KO2 F-150 alternating Zurich Graduate Colloquium P. Hubschmid, A. Iozzi, T. Kappeler, T. Preu, J. Swoboda 17:15-18:15 -- UZH KO2 F-150			
Additional Courses					

(*) ETH Lectures (V) Vorlesung (U) Übung (**) alternatively