

Research Seminars

Algebra-Topology Seminar <i>K. Baur, D. Cimasoni, A. Iozzi, E. Kowalski</i>	We 14:15 HG G 19.1
Analysis Seminar <i>M. Struwe, T. Illmanen, T. Kappeler, T. Riviere, D. Salamon</i>	Tu 15:15 HG G 43
Arbeitsgemeinschaft Analysis <i>M. Chipot</i>	Th 17:15 Y27-H-28
Arbeitsgemeinschaft in Codierungstheorie und Kryptographie <i>J. Rosenthal</i>	We 11:15 Y27-H-35
Arbeitsgemeinschaft Partielle Differentialgleichungen <i>C. De Lellis</i>	Mo 17:15 Y27-H-12
Colloquium in Numerical and Applied Mathematics <i>C. Schwab, R. Hiptmair, R. Jeltsch, U. Kirchgraber, D. Kressner, S. Mishra, K. Nipp</i>	We 16:15 HG E 1.2
Geometry Seminar <i>M. Burger, M. Einsiedler, A. Iozzi, U. Lang</i>	We 15:45 HG G 43
Number Theory Seminar <i>G. Wüstholz, Ö. Imamoglu, E. Kowalski, R. Pink</i>	Fr 14:15 HG G 43
Oberseminar: Algebraische Geometrie <i>M. Brodmann, A. Kresch, C. Okonek</i>	Mo 13:00 Y27-H-25
Optimization and Applications <i>H.-J. Lüthi, K. Fukuda, B. Gärtner, D. Klatte, J. Lygeros, J. Mayer, M. Morari, K. Schmiedders</i>	Mo 16:30 HG G 19.1

Colloquia

Zurich Colloquium in Mathematics

alternating with:

P. Bühlmann, G. Felder, T. Kappeler, A. Kresch, D. Salamon, C. Schwab, A.-S. Sznitman
Tuesday 17:15-18:15 room: UZH KO2 F-150

Zurich Graduate Colloquium

A. Iozzi, P. Hubschmid, P. Kauf, T. Preu

Tuesday 17:15-18:15 room: UZH KO2 F-150

Language Courses

Level A2 Course

For those with basic knowledge of German - new members or those who have already visited an A1 course.

Goal: Approach to more complex sentences and improvement of speaking skills

Dates: Tuesday + Wednesday: 11:45 - 13:15
Start: Tuesday, March 2, 2010
End: to be announced

Level B1.2 Course

For really advanced members and those who want to continue their efforts in teaching mathematics in German.

Goal: Advanced grammar, idiomatic expressions, mathematical vocabulary and phrases

Dates: Monday + Wednesday: 18:00 - 20:25
Start: Monday, February 22, 2010
End: Wednesday, June 2, 2010

Transferable Skills

Due to the good response of the participants the Zurich Graduate School in Mathematics offers again different workshops in transferable skills. These workshops are held by Dr. Monika Clausen. Planned topics for this year:

- The Successful Start of a Professional Career
- Self Marketing - Indispensable to Boost your Career
- Knowing about Competences

Further details will be announced by e-mail.

ProDoc Seminar <i>A. Kresch, G. Wüstholz</i>	Th 15:15 HG G 19.2
Seminar on Stochastic Processes <i>A.-S. Sznitman, A. Barbour, J. Cerny, A. Nikeghbali, M. Schweizer</i>	We 17:15 Y27-H-28
Seminar über Partielle Differentialgleichungen und Numerik <i>M. Chipot, S. Sauter</i>	Th 16:15 Y27-H-25
Statistics Research Seminar <i>A. Barbour, P. Bühlmann, R. Furrer, L. Held, H.-R. Künsch, S. van de Geer</i>	Fr 15:15 HG G 19.1
Symplectic Geometry Seminar <i>D. Salamon, P. Biran</i>	Mo 15:15 HG G 43
Talks in Financial and Insurance Mathematics <i>P. Embrechts, M. Schweizer, M. Soner, J. Teichmann, M. Wüthrich</i>	Th 17:15 HG G 43
Talks in Mathematical Physics <i>A. Cattaneo, G. Felder, M. Gaberdiel, J. Fröhlich, G.-M. Graf, H. Knörrer</i>	Th 15:15 HG G 43
Video Seminar in Analysis <i>T. Kappeler</i>	We 18:10 Y27-H-35
Zürcher Kolloquium in Anwendungsorientierter Statistik <i>A. Barbour, P. Bühlmann, L. Held, M. Kalisch, H.-R. Künsch, M. Maathuis, M. Mächler, W. Stahel, S. Van de Geer</i>	Th 16:15 HG G 19.1

for more informations see:

<http://www.math.ethz.ch/research/seminars>

<http://www.math.uzh.ch/index.php?id=oberseminare>

If you are interested in one of the language or transferable skill courses, please contact us at info@zgsm.ch.

Impressum

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Contact: info@zgsm.ch

Zurich Graduate School in Mathematics

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Issue No 8 - Spring Semester 2010

Welcome

We welcome as new members of our graduate school:

PhD students

Yacine Barhoumi (UZH, ZGSM Ass.)

Erich Baur (UZH)

Franziska Borer (ETH)

Cedric Effenberger (ETH)

Georg Grafendorfer (ETH)

Luis Haug (ETH, ZGSM Ass.)

Alain Hauser (ETH)

Christian Kerkhoff (ETH)

Johannes Lederer (ETH)

Jörg Leis (ETH)

Pascal Rolli (ETH)

Mirjana Vukelja (ETH)

Christian Wagner (ETH)

Martin Wahl (UZH, ZGSM Ass.)

Postdocs

Andrea Barth (ETH)

Yan Dolinsky (ETH)

Dennis Michaels (ETH)

Anke Pohl (ETH)

Faculty

Siddharta Mishra (ETH)

Robert Weismantel (ETH)

Congratulations

The following members have successfully completed their PhD exams:

Daniel Alai (ETH)

Markus Bader (UZH)

Xiaobo Bao (ETH)

Marcel Bieri (ETH)

Christoph Buser (ETH)

Miroslav Cada (ETH)

Matthias Degen (ETH)

Jean-Marie Droz (UZH)

Max Fehr (ETH)

Christoph Frei (ETH)

Harish Kumar (ETH)

Dominik Lambrigger (ETH)

Thomas Liniger (ETH)

Johannes Meyer (UZH)

Arvin Moezzi (ETH)

Bastian Pentenrieder (ETH)

Gisela Widmer (ETH)

Thomas Willwacher (ETH)

Christian Wüst (UZH)

Benedikt Zeller (ETH)

Johanna Ziegel (ETH)

Summer Schools

• ProDoc Program in Stochastics: July 26-30, 2010 in Disentis, Switzerland

• ProDoc NumPDE: August 23-27, 2010 in Zurich, Switzerland - Subject: Sparse Tensor Discretizations of High-Dimensional Problems

Course Program

Please find enclosed the course program of the spring semester 2010. In particular we would like to invite you to the Zurich Colloquium in Mathematics and the Zurich Graduate Colloquium. See separate announcements for further details.

Social Activities

Barbecue

The graduate school organizes its barbecue party on June 2, 2010. It will take place in the Irchel park. The football match starts at 6:30 pm. All faculty members, PhD students and postdocs of the graduate school are invited.

Stammtisch

After the Zurich Graduate Colloquium, PhD students and postdocs usually meet in one of Zurich's pizza places. These meetings are a chance to get to know each other better. The new PhD students and postdocs are particularly welcome.

Zurich Graduate School in Mathematics

For further information and activities see www.zgsm.ch

ZGSM Graduate Course Program

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8		<p>General Theory of Stochastic Processes (V) M. Schweizer 8:15 - 10:00 -- ETH HG D 5.2</p>	<p>Numerical Solution of Hyperbolic Partial Differential Equations (V) S. Mishra 08:15 - 10:00 -- ETH HG G 26.1</p> <p>Asymptotic Statistics (V) S. Van de Geer 8:15 - 10:00 -- ETH HG G 5</p>	<p>General Theory of Stochastic Processes (V) M. Schweizer 8:15 - 10:00 -- ETH HG D 5.2</p> <p>Dynamische Systeme (V) J. Latschev 08:15 - 10:00 -- ETH HG G 26.1</p>	<p>Einführung in die diophantische Approximation und Transzendenz (V) G. Wüstholz 8:15 - 10:00 -- ETH HG F 3</p>
9		<p>Geometric Integration of Hamiltonian PDEs and Application to Quantum Dynamics (G) E. Faou 9:15 - 12:00 -- ETH HG G 26.1 (biweekly)</p>	<p>Nonlinear Dispersive Equations (V) P. Germain 9:15 - 11:00 -- ETH HG G 43</p>	<p>Geometric Integration of Hamiltonian PDEs and Application to Quantum Dynamics (G) E. Faou 9:15 - 12:00 -- ETH HG G 26.5 (biweekly)</p>	
10	<p>Affine Processes (V) M. Keller-Ressel, J. Teichmann 10:15 - 12:00 -- ETH HG D 3.2</p>	<p>Einführung in die diophantische Approximation und Transzendenz (V) G. Wüstholz 10:15 - 12:00 -- ETH HG G 3</p> <p>Brownian Motion and Stochastic Calculus (V) A.-S. Sznitman 10:15 - 12:00 -- ETH HG D 3.2</p>	<p>Around Castelnuovo-Mumford Regularity (V) ** M. Brodmann 10:15 - 12:00 -- UZH Y27-H-25</p> <p>Measurable Differentiable Structures (S) U. Lang 10:15 - 12:00 -- ETH HG G 5</p> <p>Dynamics and Equidistribution on Homogeneous Spaces (S) * M. Burger, M. Einsiedler 10:15 - 12:00 -- ETH HG G 26.1</p>	<p>Regularity Questions in Calibrated Geometry (V) C. Bellettini, T. Riviere 10:15 - 12:00 -- ETH HG G 43</p> <p>Quantitative Risk Management (V) P. Embrechts 10:15 - 12:00 -- ETH HG E 5</p>	<p>Conformal Invariance and Calculus of Variation (Part 2) (V) T. Riviere 10:15 - 12:00 -- ETH HG G 43</p> <p>Brownian Motion and Stochastic Calculus (V) A.-S. Sznitman 10:15 - 12:00 -- ETH HG D 3.2</p>
11					<p>Dynamische Systeme (U) J. Latschev 11:15 - 12:00 -- ETH HG G 26.1</p>
12					
13	<p>Numerical Solution of Hyperbolic Partial Differential Equations (V) S. Mishra 13:15 - 15:00 -- ETH HG G 26.1</p>	<p>Perturbative Path Integrals for Mathematicians (V) ** P. Mnev 13:00 - 14:45 -- UZH Y27-H-12</p> <p>Harmonic Analysis on Locally Compact Groups and Applications to Rigidity Theory (V) T. Bühler 13:15 - 15:00 -- ETH HG E 33.1</p> <p>Wave Propagation in Unbounded Domains (G) D. Kressner, C. Engström, C. Jeres Hanckes 13:15 - 15:00 -- ETH HG F 26.5</p>	<p>Algebraic D-modules II (V) ** J. Ayoub 13:00 - 14:45 -- UZH Y27-H-12</p> <p>Computational Methods for Quantitative Finance: PDE Methods (V) *) C. Schwab 13:15 - 15:00 -- ETH HG E 3</p> <p>Riemann Surfaces (V) D. Salamon 13:15 - 15:00 -- ETH HG G 5</p> <p>Regression (V) M. Maathuis 13:15 - 15:00 -- ETH HG D 5.2</p>	<p>Postmodern Algebra: Operadic Calculus (V) J.-L. Loday 13:15 - 15:00 -- ETH HG G 43</p>	<p>Riemann Surfaces (V) D. Salamon 13:15 - 15:00 -- ETH HG G 5</p> <p>Wave Propagation in Unbounded Domains (G) D. Kressner, C. Engström, C. Jeres Hanckes 13:15 - 15:00 -- ETH HG F 26.5</p> <p>Regression (V+U) M. Maathuis 13:15 - 15:00 -- ETH HG D 5.2</p>
14		<p>Einführung in die diophantische Approximation und Transzendenz (U) G. Wüstholz 14:15 - 15:00 -- ETH HG G 26.5</p>			<p>Algebraic D-modules II (V) ** J. Ayoub 14:00 - 14:45 -- UZH Y27-H-12</p>
15	<p>Numerical Solution of Hyperbolic Partial Differential Equations (U) S. Mishra 15:15 - 16:00 -- ETH HG G 26.1</p> <p>Exponential Sums over Finite Fields (V) E. Kowalski 15:15 - 17:00 -- ETH G 26.3</p>	<p>Topics in Applied Probability (V) ** A. Barbour 15:00 - 17:00 -- UZH Y27-H-12</p> <p>The Theory of Extremes and Point Processes (V) P. Embrechts 15:15 - 17:00 -- ETH HG F 5</p> <p>Dynamische Systeme (V) J. Latschev 15:15 - 17:00 -- ETH HG G 26.5</p>	<p>Computational Methods for Quantitative Finance: PDE Methods (U) *) C. Schwab 15:15 - 16:00 -- ETH HG E 3</p>		<p>Riemann Surfaces (U) D. Salamon 15:15 - 16:00 -- ETH HG G 5</p>
16					
17		<p>Zurich Colloquium in Mathematics P. Bühlmann, G. Felder, T. Kappeler, A. Kresch, D. Salamon, C. Schwab, A.-S. Sznitman 17:15-18:15 -- UZH KO2 F-150 alternating</p> <p>Zurich Graduate Colloquium A. Iozzi, P. Hubschmid, P. Kauf, T. Preu 17:15-18:15 -- UZH KO2 F-150</p>			

* Spezialbewilligung der Dozierenden notwendig (S) Seminar (V) Vorlesung (U) Übung (G) Vorlesung mit Übung ** Übungen nach Vereinbarung