

Zukunftskolleg-Newsletter

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Concerning *Zukunftskolleg*

The Selection process to appoint a Director for the Zukunftskolleg has been running since January 2008. Until such time as a full-time Director has been found for the Zukunftskolleg, the Board of Directors, made up of Prof. Dr. Dr. h.c. **Gerhart von Graevenitz**, Prof. Dr. **David Gugerli** and Dr. **Rudolf Bratschitsch** will manage the Zukunftskolleg in a provisional capacity. Prof. Dr. **Elke Scheer** will continue to serve as an Advisory Director and will chair the Selection Committee on new fellows at the Zukunftskolleg.

Executive Committee Elections

During the *Jour fixe* held on 18 December 2008 **Karim Johannes Becher** and **Wolfgang Freitag** were elected as new Executive Committee Members of the Zukunftskolleg. The Zukunftskolleg would like to thank **Matthias Schöning** and **Sonja von Aulock** for their dedicated contributions to this committee over the past 2½ years.

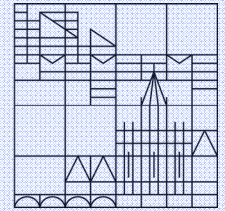
Meeting of the Advisory Board

The Executive Committee and the Scientific Advisory Board of the Zukunftskolleg convened on 4 and 5 March 2009 to deliberate on past activities, upcoming tasks and collaborative prospects, as well as on the future development of the Zukunftskolleg and its profile and identity. We thank the following Advisory Board Members for their contributions:

- Prof. Dr. **Christoph Möllers**, University of Göttingen / Subject: Law
- Dr. **Joachim Nettelbeck**, Institute for Advanced Study Berlin / Subject: Science Management
- Prof. Dr. **Shalini Randeria**, University of Zurich / Subject: Ethnology and Gender Studies
- Prof. Dr. **Ulrich Raulff**, German Archive of Literature / Subject: History
- Ass. Prof. Dr. **Walter Salzburger**, University of Basel / Subject: Biology
- Dr. h.c. **Heike Schmoll**, Frankfurter Allgemeine Zeitung / Subject: Science Journalism
- Dr. **Giuseppe Testa**, European Institute of Oncology, Milan / Subject: Biology, Ethics

Fellows from the Zukunftskolleg presented their research projects to the Advisory Board with a poster session.

<http://www.uni-konstanz.de/zukunftskolleg/files/media/090305/beiratssitzung.html>



Report on the 3rd Call for Applications for New Fellows

The 3rd Call for Applications for New Fellows at the Zukunftskolleg was announced in the *Economist*, *Nature* and *DIE ZEIT* on 25 September 2008, with the application deadline set at 30 November 2008. Following the interdisciplinary committee's pre-selection procedure, including expert reports, 15 applicants were invited to attend the "Workshop on Future Research Directions" (16 and 17 February 2009). The application and selection process would have been impossible without the generous support provided by external researchers at home and abroad and by professors at the University of Konstanz. The Zukunftskolleg would like to express its thanks to the Selection Committee and numerous experts for volunteering to review the applications. The successful applicants are listed below (see People/New Fellows on p. 7).

Third call for applications: Statistics

	Total	Work shop	Fellows
Applicants	80	15	5
of which women	30	4	3
of which men	50	11	2
Applicants from the University of Konstanz	11	4	1
Faculty of Sciences	21	6	2
Faculty of Humanities	47	7	3
Faculty of Law, Economics and Politics	12	2	0

Next Call for Applications

Fellowships

The 4th Call for Applications for New Fellows focuses on two key themes with the potential to break new ground in research. The Directors of the Zukunftskolleg and the Vice-Rector for Research identified the following topics:

Foundations of social justice

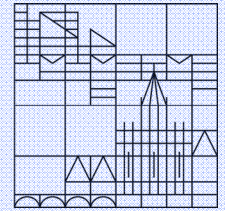
Neoclassical economic theory claims that actors exclusively pursue their own individual interests. This raises questions as to the foundations of altruism, collective rationality and social justice. From a philosophical and normative perspective, the resulting problems remain unsolved. Research on the neuro- and socio-psychological foundations of human decisions and actions provide new empirical impetus.

Mixed feelings

The key topic includes the interdisciplinary study of emotion, feeling and affect. Science has always been ambivalent about how it views these, although they drive human action and inspire outstanding artistic and human achievements. Emotions have an individual cerebral basis but also a communicatory function. Society and the media reflect the many sides of emotional communication, are both products of the human brain, and both retroactively affect it.

The applicants' project outline should highlight thematic links with the specific research profile at Konstanz. The application deadline is 31 May 2009.

<http://www.uni-konstanz.de/news/index.php?cont=stellausw&seite=2009/032&id=1>



Zukunftskolleg Mentorship 1/2009

The Mentorship Programme enables young researchers at Konstanz University to network with distinguished colleagues, both in Germany and abroad, and to maintain these contacts. The Zukunftskolleg announces three mentorships twice a year, each with a grant of up to 4,500 euros. The deadline for the 1st Call for Applications was set at 15 April 2009. Our next issue will report on the successful applicants.

http://www.uni-konstanz.de/zukunftskolleg/index.php?article_id=98&clang=1

Manfred Ulmer Scholarship

The Zukunftskolleg annually awards the Manfred Ulmer Scholarship to PhD students at the University of Konstanz on behalf of the foundation *Stiftung Wissenschaft und Gesellschaft*. The programme is open to doctoral students of all disciplines, and particularly those in the early stages of their dissertation. The scholarship currently amounts to 1,000 euros per month over six months. The recipients become associated members of the Zukunftskolleg. The deadline on the call for applications is 30 June 2009.

http://www.uni-konstanz.de/zukunftskolleg/index.php?article_id=97&clang=1

Funding Instruments

Co-financing

The Executive Committee of the Zukunftskolleg approved the following co-financing applications for the period December 2008 to March 2009.

Christoph Aegerter received a completion grant for his PhD student Corinna Maaß as part of the project on the "Dynamics of levitated granular gases".

Michael Bauer had a budget approved for financing a workshop to be held at the University

of Konstanz on "Subnational Governance" on 26 and 27 June 2009 within the scope of his project on "Governance-Präferenzen im europäischen Mehrebenensystem: Subnationale Exekutiveliten zwischen Sozialisierung und Nutzenmaximierung".

Malte Drescher had a grant approved for a meeting with Prof. Dr. Vinod Subramaniam from the University of Twente to intensify their co-operation on the "Novel nanostructure probes in electron spin resonance" project.

Thomas Gisler received a five-month winding up grant for postdoctoral students in his "Soft Condensed Matter Physics of Model Systems" project.

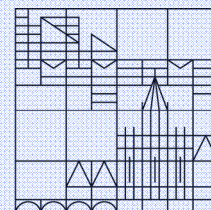
Helen Gunter had funding approved for a student assistant from January to April 2009. She will be assigned to the project on "The developmental basis of phenotypic plasticity in cichlid jaw phenotypes".

Jörg Hartig applied successfully for a grant to buy a software licence for a programme on planning clones and managing cloned constructs. The program will be used within the scope of the "Switching RNA Interference" project.

Julia Jones had a multiparameter instrument approved. It was used in field tests during a research visit to Mexico, which she led as part of the "Landscape genetics, biogeography and origin of Xiphophorus species in the Isthmus of Tehuantepec, Mexico" project.

Johanna Kibler had a grant approved for the biochemical analysis of saliva tests in the "Psychosocial Stress and Memory Control" project.

Karsten Lambers had a travel grant approved to enable him to attend the 37th International Conference on Computer Applications and Quantitative Methods in Archaeology (CAA), held in Williamsburg, Virginia, USA from 22 to 26 March 2009. He was in charge of a session there on the topic of "Archaeological Prospection Using High Resolution Digital Satellite Imagery: Recent Advances and Future Prospects".



Anna Lipphardt received a grant for the translation of a text that resulted from her dissertation "Kulturelle Erinnerung, Trauma, Migration: Die Vilne-Diaspora in New York, Israel und Vilnius nach dem Holocaust".

Marilena Manea had funding approved for a student assistant and test materials for her project on the "Development of bioconjugates as therapeutic agents for ageing-associated diseases".

Peter Öhlschläger had a temporary position approved for a technical assistant and consumables for his project on "Therapeutic immunization with plant-expressed artificial HPV-16 E6/E7 proteins".

Karsten Rinke received funding for consumables in his project on "Modelling spatial and temporal dynamics of lake ecosystems in a changing world" to enable the purchase of a cleaning device for a multi-channel fluorescence probe.

Senior Fellowship

We are pleased to welcome three new Senior Fellows to the Zukunftskolleg as winners of the Zukunftskolleg Award.

Professor **Daniel R. Gamelin**, Department of Chemistry, University of Washington, Seattle, USA has been awarded the Senior Fellowship of the Zukunftskolleg for his outstanding academic achievements in the development of new inorganic materials with unusual electronic structures that produce desirable photophysical, photochemical, magnetic, or magneto-optical properties. He was nominated by **Rudolf Bratschitsch**. Professor Gamelin will pay several visits to the University of Konstanz as from March 2009.

http://www.uni-konstanz.de/zukunftskolleg/index.php?article_id=141&clang=1

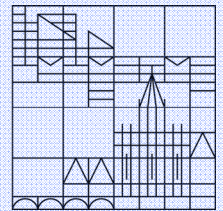
Professor **Viktor V. Kabanov**, Jozef Stefan Institute, Ljubljana, Slovenia, has been awarded the Senior Fellowship of the Zukunftskolleg for his outstanding academic achievements in solid state physics, in particular on superconductivity and high temperature superconductivity. He was nominated by **Jure Demsar**. Professor Kabanov will visit the University of Konstanz on a regular basis between February 2009 and November 2010.

http://www.uni-konstanz.de/zukunftskolleg/index.php?article_id=142&clang=1

Both Prof. Gamelin and Prof. Kabanov will enhance the projects at the Zukunftskolleg by engaging in discussions and mentoring fellows, and will also pursue their research at the Department of Physics.

We are delighted to welcome Dr. h.c. **Heike Schmoll** to Konstanz from April to September 2009 as a Senior Fellow and Zukunftskolleg Award winner. She was nominated by Professor **Gerhart von Graevenitz**.

Heike Schmoll read German and Protestant Theology at Heidelberg, Tübingen and Munich and was a scholarship holder of the Tübinger Stift. Inspired by her studies under Eberhard Jüngel and Wolfhart Pannenberg, her particular interest focused on Systematic Theology. In 1989, she joined the news department at the Frankfurter Allgemeine Zeitung and is today responsible there for school and higher education policy as well as questions of academic theology. She is the editor for the "Bildungswelten" page and has been a correspondent in Berlin since March 2008. She is the author of numerous radio programmes broadcast by Deutschlandfunk, Südwestrundfunk and Deutschlandradio Kultur. An honorary theological doctorate was conferred on her in Tübingen in 2002. In 2005, she was distinguished with the *Deutscher Sprachpreis der Henning-Kaufmann-Stiftung*.



Heike Schmoll is joining the Zukunftskolleg in Konstanz as a proven expert on German education policy. In her monograph *Lob der Elite. Warum wir sie brauchen*, published in 2008, she subjects the new elite universities in Germany to a critical analysis and "shows how elite funding and personality building can be combined with each other to ensure that Germany gets the elites that it needs".

Mentorship

The Zukunftskolleg will support the cooperation between **Nathan Weisz** and **Prof. Olivier Bertrand**, the Research Director of the distinguished Brain Dynamics and Cognition Lab, INSERM, in Bron, France, as part of a mentorship. Prof. Bertrand will receive funding for several visits to Konstanz for this purpose.

Scientific Retreat

The Scientific Retreat is a novel funding programme developed by the Zukunftskolleg. It offers up to ten awards of 5,000 euros per year to organise and run a scientific retreat at a location of the applicant's own choice.

The funding programme is intended for fellows of the Zukunftskolleg and their research groups. The Scientific Retreat is a 2 to 4-day off-campus meeting between a junior research group from the Zukunftskolleg and guests held in a relaxed and informal atmosphere. Firstly, the retreat opens up opportunities for identifying and exploring new and innovative branches of research. Secondly, it encourages intensive and inspirational discussions with distinguished scholars in a comfortable and friendly climate, away from the pressures of deadlines and everyday business.

By inviting eminent and well-known scholars from their own field of research, young researchers get the opportunity to socialise and build networks

for future research cooperation. Scientific Retreats also aim to make the research group more homogenous by promoting informal social exchange. Fellows in the early stages of their career are, in particular, encouraged to apply for a retreat as a project start-up. A scientific retreat could provide the ideal framework for both defining sub-projects and strengthening skills and competencies, such as the coordinating, coaching and leadership skills within the research group.

Fellows are free to choose the guests and the location. They are responsible for the scientific programme at the retreat and for questions of scientific and logistical organisation on site. The Zukunftskolleg not only provides the budget, but also offers practical assistance in running the retreat.

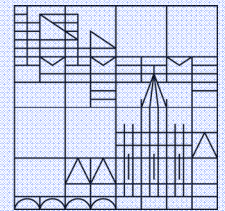
The Executive Committee of the Zukunftskolleg has so far approved the following retreats:

- **Karim Johannes Becher**, Topic: "Field Patching and Quadratic Forms"
- **Malte Drescher, Thomas Exner, Dominik Wöll**, Topic: "Physical Chemistry"
- **Mathias Kläui**, Topic: "Quo vadis? – Exploring and shaping the future of Nanomagnetism"
- **Sven Reichardt**, Topic: "Transfer und Vergleich; Politische Vorstellungen in der Postmoderne / Konsum- und Identitätsforschung".

Events

Jour fixe

The Zukunftskolleg held a weekly *Jour fixe* during the winter semester 2008/2009. In the 15 sessions, fellows reported on their activity fields or were introduced to the various services offered by the university administration. We would like to extend a very special Thank You! to our Senior



Fellow, Prof. Dr. **David Gugerli**, from the ETH Zurich, who accompanied the series of meetings in the role of a mentor. In this capacity, he chaired inspirational and productive discussions between the fellows across and beyond all disciplinary borders. You find the *Jour fixe* programme for the summer term 2009 here:

http://www.uni-konstanz.de/zukunftskolleg/files/jour_fixe_ss_2009_09-04-02_al.pdf

Past Events

Shujun Li attended the Pacific-Rim Symposium on Image and Video Technology 2009, held in Tokyo from 13 to 16 January. He presented his work on the cryptanalysis of MPEG-video encryption based on secret Huffman tables. He also met peer researchers in his field and laid the foundations for potential future collaboration.

Karsten Lambers visited the 37th International Conference on Computer Applications and Quantitative Methods in Archaeology (CAA), held in Williamsburg, Virginia, USA from 22 to 26 March 2009. He chaired the session on "Archaeological Prospection Using High Resolution Digital Satellite Imagery: Recent Advances and Future Prospects".

David Ganz and Marius Rimmele jointly organised an international conference in Konstanz from 3 to 5 April 2009 on "Das Kleid der Bilder. Bildspezifische Sinndimensionen von Kleidung in der Vormoderne".

http://www.uni-konstanz.de/zukunftskolleg/files/flyer_kleid_d_bilder_10.3.09_mail-1.pdf

Upcoming Events

The **elections** for new members of the Zukunftskolleg **Executive Committee** will be held during the *Jour fixe* meeting on 23 April 2009.

To mark the occasion of the 100th anniversary of the Heidelberg Academy of Science and Humanities, the Zukunftskolleg, scientifically supported

by two groups from the Academy's WIN programme for young scientists, will organise a symposium on "**Zukunftsdialoge**" on 18 June 2009.

http://www.uni-konstanz.de/zukunftskolleg/files/flyer_100j_adw.pdf

The University of Konstanz is holding its annual **Tag der offenen Tür** on 4 July 2009. Three fellows or alumni, respectively, from the Zukunftskolleg will present their research fields to the public:

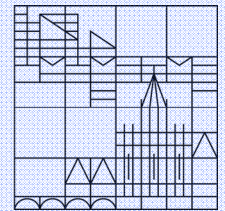
- **Steffen Bogen:** Navigieren auf und mit Karten. Vergangenheit – Gegenwart – Zukunft
- **David Ganz:** Das Kleid der Schrift. Einbandkunst im Frühmittelalter
- **Kirsten Mahlke:** Die Eroberung Mexikos ohne Cortez

People

Parting members of the Zukunftskolleg

During the *Jour fixe* held on 18 December 2009, the Director of the Zukunftskolleg, Prof. Dr. Dr. h.c. **Gerhart von Graevenitz**, wished eight parting fellows all the best and every success. He thanked them for their scientific and productive dedication to the Zukunftskolleg by awarding them with an Honorary Certificate for services to the Zukunftskolleg. The parting members are:

- **Thomas Bräuninger**, Member since October 2001, with a research project on "Comparative Legislation"
- **Corinna Hermann**, Member since October 2002, with a research project on the "Role of C. Pneumoniae as Inflammatory Stimulus in Atherosclerosis"
- **Georg Jochum**, Member since July 2003, with a research project on the "Fundamentals of Legitimation of a European Constitution"



- **Kirsten Mahlke**, Member since December 2002, with a research project on "Europe and the Historical Imaginary"
- **Frank Neuner**, Member since December 2007, with a research project on the "Change of Neural Network Indicators through Narrative Treatment of Posttraumatic Stress Disorder in Torture Victims"
- **Niels P. Petersson**, Member since January 2003, with a research project on the "Fundamentals of Legitimation of a European Constitution"
- **Anton Plech**, Member since October 2002, with a research project on "Structural Dynamics on the Nanoscale"
- **Matthias Schöning**, Member since July 2003, with a research project on "Europe and the Historical Imaginary"

We wish our new alumni all the very best and every success for their personal and professional future.

New Fellows

Five applicants succeeded in the 3rd selection workshop held on 16 and 17 February 2009. We are delighted to welcome the following new fellows:

- **Gunhild Berg**, previously a holder of a Fritz-Thyssen-Stiftung scholarship at the Zentrum für Literatur- und Kulturforschung Berlin. Project: "A Literary History of 'Experiment' from 1700 to 1920" (Department of Literature Science as from 1 April 2009)
- **Tanja Rinker**, previously a research assistant at the Ulm University Hospital / Transfer Centre for Neurosciences and Learning (ZNL) and section for Phoniatics and Pedaudiology at the Ambulance for Ear, Nose and Throat Diseases. Project: "Turkish-German and German children with and without Specific Lan-

guage Impairment (SLI)" (Department of Linguistics as from 1 June 2009)

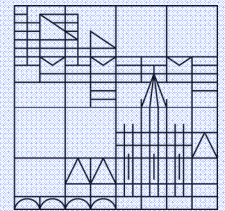
- **Borbála Zsuzsanna Török**, previously a researcher at the Central European University, Budapest. Project "Academic Reform and Knowledge Transfer in Hungary at the end of the Eighteenth Century (1768-1830)" (Department of History and Sociology as from 1 June 2009)
- **Janis Voigtländer**, previously a research assistant at the TU Dresden. Project: "Derivation of program properties from polymorphic types in modern functional languages" (Department of Computer and Information Science as from 1 August 2009)
- **Thomas Voigtmann**, Helmholtz Young Investigators Group Leader at the German Aerospace Center (DLR), Cologne and Department of Physics, University of Konstanz. Project: "Transport Processes in Dense Liquids under External Forces" (also at the Zukunftskolleg as from 1 April 2009)

Approvals, Prizes and Professorial Appointments

Iris-Tatjana Kolassa had her project on "Stress and trauma-associated immunological changes and their implications on health" approved by the DFG for the Emmy Noether Programme.

Albert Kümmel-Schnur took up a visiting professorship at the University of Vienna, Institute of Theatre, Film and Media Studies in the summer semester 2009.

Artur Erbe took up a position at the renowned Forschungszentrum Dresden-Rossendorf e. V. in Dresden on 1 March 2009. We thank Artur Erbe for his dedicated work on and contributions to the Executive Committee of the Zukunftskolleg from October 2007 to March 2009.



Publications

Huber, Franz; Schmidt-Petri, Christoph (Eds.), *Degrees of Belief*, Series: *Synthese Library* Vol. 342, Springer Verlag, 2009, X, 354 p, ISBN: 978-1-4020-9197-1
<http://www.springer.com/978-1-4020-9197-1>

Franz Huber was appointed as Associate Editor of "The European Journal for Philosophy of Science". The new journal will be published by Springer-Verlag and will be the official journal of the new EPSA, the European counterpart to the PSA.

Alumni

Nils P. Petersson was appointed as a Senior Lecturer at Sheffield Hallam University, UK, in January 2009.

Klaus von Heusinger, an alumnus of the Zukunftskolleg, was the only scholar in Baden-Württemberg to receive the renowned *opus magnum* research scholarship. This award was only bestowed on ten humanities scholars in Germany in 2008.
<http://www.uni-konstanz.de/zukunftskolleg/files/heusinger.pdf>

„A very young scientific researcher“

Veit Valentin Bertsch was born on 30 January 2009. We congratulate **Anja Bertsch** on the new arrival and wish her and the family all the best and every success.

Imprint

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