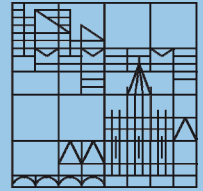


Zukunftskolleg

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Zukunftskolleg-Newsletter

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The Friday evening was dedicated to exchange between the artists and fellowship holders from the academy and the fellows from the Zukunftskolleg.

Under the umbrella of the current thematic focus on the "Design of the (In-)Human" in the art, science & business programme of the Akademie

Concerning Zukunftskolleg

2010 was an exciting year for the Zukunftskolleg. We moved into our new building in January and held an Open Day in June to celebrate the event. Indeed, the Zukunftskolleg community is changing all the time: we were able to greet eight new fellows, 16 senior fellows, five postdoctoral fellows and six doctoral fellows whose membership simultaneously enhanced the Zukunftskolleg and its work. Five fellows left the Zukunftskolleg for good reason: They had succeeded in gaining an appointment as a professor or a senior research position. We wish our new alumni the very best.

We would also like to extend our best wishes to all our Zukunftskolleg members, our alumni, our internal and external cooperation partners, as well as our colleagues at the University of Konstanz for a successful start into the new year 2011, and look forward to working with you again in the future.

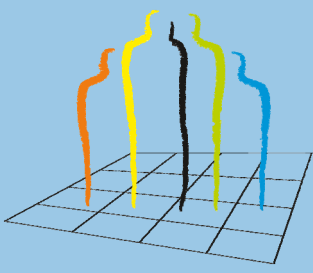
Common Retreat

In response to an invitation by the Akademie Schloss Solitude, the Zukunftskolleg held a scientific retreat in Stuttgart from 23 to 25 July 2010. Three contentual blocks set the tone for an intensive weekend programme.



Schloss Solitude, fellowship holders and fellows presented the results of their art and research projects. The composer and prize-winner of the "Impuls-Kompositionswettbewerb Vienna 2007", Eduardo Moguillansky, gave insights into how political TV addresses can be turned into a particular kind of modern music by adjusting the volume.

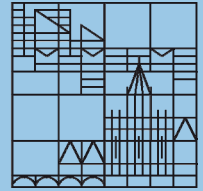
Jasmeen Patheja (Design) reported on a project about "Eve-Teasing", which deals with public sexual



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harassment on the roads of India and Pakistan and on how this has become a taboo topic.

The two theatrical scholars, Melanie Mohren and Bernhard Herbordt, are experimenting with a new format positioned between exhibition, theatre and spoken installation. "The piece, 'Alles was ich habe #1 ist alles, was wir haben, um in den letzten 8 Minuten und 31 Sekunden der uns bekannten Welt, eine andere zu kreieren.' 'Alles was ich habe #1' ist alles, was wir brauchen, um zu erfinden, was wir nicht sehen können, unsere Vorstellungen wahr werden zu lassen oder Raum für eine andere Zukunft zu öffnen'." (<http://archiv.twoday.net/stories/11439899/>).

David Ganz, from the Zukunftskolleg, presented a piece called "Divine Handcraft. The Power of Picture Textiles in the Middle Ages", while Martin Bruder presented "The Social Psychology of the 'Inhuman'" in their contribution to the "Design of the (In-) Human" from the perspective of art and media studies or psychology.

The second day at the castle was dedicated to the community of fellows at the Zukunftskolleg and the institution's continuing strategic development. Professionally chaired by Dr. Gudrun Henne (Viveka International), the future development of the Zukunftskolleg was discussed as an institution for promoting young scientists and researchers. The focus was placed on the format of the fellowships – and in particular – the duration of such fellowships.

Following an artistic evening of short films given by grant holders from the Akademie Schloss Solitude, the retreat continued on Sunday with a scientific, methodological section. Fellows from the fields of Linguistics, Sociology, Philosophy and Biology gave their personal and subject-specific answers to the question: "How and why do you choose your research questions?"

The retreat was completed with a guided tour through the studios of the Akademie, which has already led to two short stays at the Akademie Schloss Solitude, inspired by fellows from the Zukunftskolleg. The time spent together in community

gave the fellows and staff of the Zukunftskolleg an opportunity to get to know each other better and to exchange ideas, an aspect often neglected in the everyday hectic schedule of the weekly Jour fixe.

The follow-up to the retreat from 22 to 23 November 2010 continued on the Insel Reichenau with a discussion on the strategic continuing development of the Zukunftskolleg along with suggestions on new communication channels and greater transparency within the Zukunftskolleg.

New Executive Committee Member

Iris-Tatjana Kolassa completed her two and a half year term in office on the Zukunftskolleg Executive Committee at the end of September. The Zukunftskolleg extends its cordial thanks for her valuable and dedicated work on the committee, for her numerous statements on proposals, and for the contribution she made to developing new funding instruments.

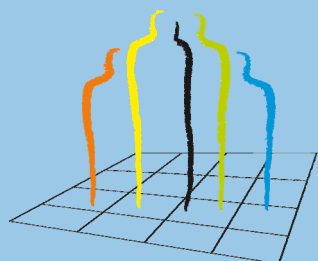
Zsuzsanna Török was elected as a new Executive Committee Member on 14 October 2010. We wish her a pleasant time in her work, every success in performing her new tasks, and plenty of energy for preparing the sessions.

Central Office

The Central Office of the Zukunftskolleg finds itself in a state of transformation at the end of 2010.

Valentina Vasilov took up the position of an assistant to Dr. Markus Steinmayr, Managing Director of the Doctoral Student Forum (ProForm) at the Universität Duisburg-Essen on 30 September 2010. Valentina Vasilov served as a scientific assistant at the Centre for Junior Research Fellows (ZWN) and the Zukunftskolleg from October 2006 to September 2010, and simultaneously studied politics and management at the University of Konstanz.

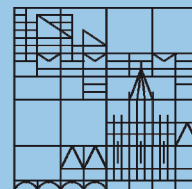
Ursula Herold-Schmidt left the Zukunftskolleg on 31 October 2011 to complete several long and inten-



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sive stays in China so that she can gain a better insight into the country and its people. Ursula Herold-Schmidt served as a coordinator for public relations and knowledge transfer at the Zukunftskolleg from December 2008 to October 2010.

Isabelle Schulze will leave the University of Konstanz on 31 January 2011. Isabelle Schulze served as a coordinator at the Centre for Junior Research Fellows (ZWN) and the Zukunftskolleg from March 2007 to January 2011.

The new staff of the Central Office will be introduced in the next issue of our Newsletter.

Report on the 6th Call for Fellowships

The 6th Call for Applications for New Fellows at the Zukunftskolleg was published in April 2010 with an application and nomination deadline of 31 May 2010. A total of 37 nominations were received.

Following the interdisciplinary committee's pre-selection procedure, including expert reports, 12 applicants were invited to attend the "Workshop on Future Research Directions" (16 to 17 September 2010). The application and selection process would have been impossible without the generous support provided by external researchers from home and abroad, and by professors from the University of Konstanz. The Zukunftskolleg would like to extend its thanks to the Selection Committee and numerous experts for volunteering to review the applications.

6th Call for Applications: Statistics

	Total	Work shop	Fel-lows
Applicants	37	12	6
of which women	9	3	5
of which men	28	9	1
Faculty of Sciences	16	8	4
Faculty of Humanities	19	3	1
Faculty of Law, Econ.& Pol.	2	1	1

Calls for Applications

Independent Research Start-up Grant

The Independent Research Start-up Grant (IRSG) is a funding instrument designed to support young postdocs at the University of Konstanz who aim to take up a career in academia and so achieve scientific independence. In particular, Start-up Grants foster contacts and collaborations with scientists working outside the University of Konstanz as well as projects which are to be improved so that they can submit applications for external funding. 12 projects were funded after the first two calls for applications in September and November 2010, respectively. The application deadline for the 3rd IRSG Call for Applications is 31 January 2011. For further details see:

<http://www.zukunftskolleg.uni-konstanz.de/foerderprogramme/independent-research-start-up-grant/>

After completing the third round of approvals, the funding programme will be evaluated.

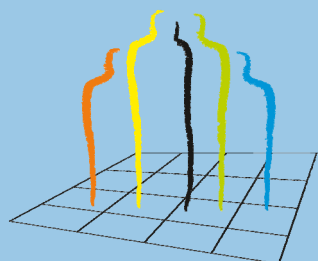
Funding Programmes

Co-funding

The Executive Committee of the Zukunftskolleg approved the following co-funding applications/proposals between July and December 2010.

Iris-Tatjana Kolassa, Martin Bruder, Zsuzsanna Török and **Margarita Stolarova** had a human resources budget approved to appoint research and student assistants, and **Karim Becher** had a bridging grant approved to finance a research assistant. **Alexander Titz** was successful in applying for the position of a technician to set up his laboratory at the Department of Chemistry. The Zukunftskolleg will top up a postdoc position from 65% to 100% for 1 year and 10 months for a member of **Simon Hanslmayr's team**.

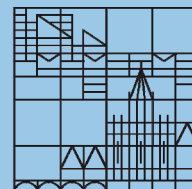
Financial subsidies for attending conferences and workshops were awarded to:



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- **Thomas Exner** to present the poster "Improving the Accuracy of Fragment-Based Quantum Chemical Methods for Proteins" at the Gordon Research Conferences in Les Diablerets / Switzerland;
- **Andreas Karrenbauer** for his paper on "A 3/2-approximation algorithm for rate-monotonic multiprocessor scheduling of implicit-deadline tasks" at the ALGO 2010 Conference in Liverpool;
- Alexandra Zinke and **Wolfgang Freitag** for their joint paper on "The Theory of Form Logic" at the Logic, Reasoning, Rationality conference 2010 in Ghent;
- **Jeff Kochan**, who attended the Western Canadian Philosophical Association Annual Conference in Calgary and the Philosophy of Science Association Biennial Conference in Montreal as a presenter as well as a commentator.

Zsuzsanna Török organised a workshop in September on the topic of "Space and Science: Power, networks and the circulation of knowledge in the 17th and 18th centuries" with the financial support of the Zukunftscolleg.

The Executive Committee approved the budget for a workshop on "Intervention effects from a semantic perspective" in connection with the GLOW (Generative Linguists in the Old World) Colloquium in Vienna chaired by **Doris Penka**.

Karim Becher, Jean-Pierre Tignol and **Wolfgang Freitag** received financial resources to enable them to invite international visiting scientists to Konstanz. The Zukunftscolleg welcomes the guests from the field of mathematics: Prof. Adrian Wadsworth (Professor emeritus, University of California, San Diego); Prof. Darrell Haile (Indiana University) Maître de Conférence Dr. Anne Quéquiner-Mathieu (Paris XIII); Dr Mélanie Raczek (Université de Louvain, Belgium); Demba Barry (Université de Louvain, Belgium); Alexandre Masquelein (Université de Louvain, Belgium); Cécile Coyette (Université de Louvain, Belgium); as well as from the field

of Philosophy: Dr. Oskari Kuusela (University of East Anglia Norwich/UK) and Prof. John Divers (Leeds University/UK).

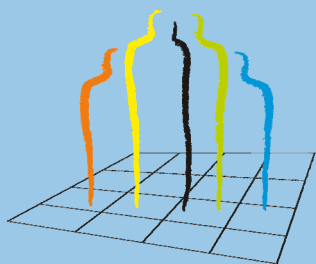
Malte Drescher, Alexander Titz, Anne Hauswald, Nathan Weisz, Margarita Stolarova, Tanja Rinker, Simon Hanslmayr, Andreas Karrenbauer (Software Licence for IBM CPLEX) and **Wolfgang Freitag** (Proofreading, layouting and formatting the monograph: ("I know. Modal Epistemology, the First Person, and Scepticism.")), received co-funding for consumables and laboratory equipment.

The Zukunftscolleg invested in the "Flexline Probehead ER 4118SPT and 2 Split Ring Resonator ER 4118X-MS3" (**Malte Drescher**), "MPLC chromatography system" (**Alexander Titz**), a "Peptide synthesizer" (**Marilena Manea**), an imaging unit (**Malte Drescher**) and an "ANDOR spectroscopy system for single molecule and raman spectroscopy, plus a LEICA scanning table" (**Dominik Wöll**).

With their interdisciplinary projects, fellows and senior fellows often need specialist literature located at the border between disciplines, but not available at the University Library in Konstanz. To prevent the additional costs from placing an excessive burden on the library due to the additional costs needed for acquisitions and interlibrary loans so as to make this **specialist literature** available or to avoid drawbacks for the fellows and senior fellows, the Executive Committee, given the library's tight financial framework, responded to a proposal by the Director, Giovanni Galizia, to have the additional costs borne by the Zukunftscolleg. The application submitted by the fellows from the field of chemistry (**Drescher, Exner, Hartig, Manea, Titz, Wöll**) to finance the purchase or subscription of chemistry journals was approved.

Senior Fellowships

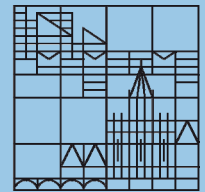
The Zukunftscolleg is pleased to announce that the nomination of Professors David Leep, Robert Philibert and Sandeep Verma for senior fellowships was



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approved by the Executive Committee of the Zukunftscolleg.

Sandeep Verma is a professor at the Department of Chemistry at the Indian Institute of Technology Kanpur. He was nominated by Jörg Hartig and will work on the project "Exchanging Ideas in Chemistry: Designer Structures assembled from Biopolymers".

David Leep is a professor at the Department of Mathematics, University of Kentucky, Lexington. He was nominated by Karim Becher and will work on the project "Quadratic forms and order structures on valued fields".

Robert Philibert is a professor in the Neurosciences Graduate Program, University of Iowa. He was nominated by Helen Gunter and will work on the project "Investigating the impact of stress on DNA Methylation".

Mentorships

The Zukunftscolleg invited applications for mentorship grants worth up to 4,500 euros in October 2010. Congratulations to the successful applicants:

- **Federica Basaglia** (Department of Philosophy). Mentor: Prof. Dr. Bernd Ludwig (Universität Göttingen)
- **Attila Tanyi** (Department of Philosophy). Mentor: Prof. Dr. Christoph Fehige (Universität des Saarlandes)

Postdoctoral Fellowships

Our Newsletter No. 11 introduced a new funding programme for postdocs at the University of Konstanz in July 2010 who are working within the scope of a research initiative. The Zukunftscolleg awarded nine postdoctoral fellowships as a contribution to the University of Konstanz's structural development. Besides the scientists, Brian Leahy, Cordian Riener and Annette Sommershof, who had al-

ready been presented in July, the following scientists were inducted into the programme:

Rainer Nikolay (Department of Biology) for the project "Monitoring Translational Activity of Ribosomes during Protein Folding Stress," within the planned Collaborative Research Centre "Chemical and Biological Principles of Cellular Proteostasis" Spokesperson: Prof. Dr. Elke Deuerling.

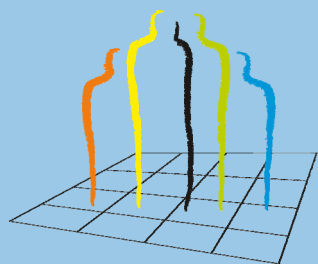
Chiara Gianollo (Department of Linguistics) for the project "Indefinites: Scope, modality and discourse," within the planned Collaborative Research Centre "Temporal Dynamics of Language. Transience and Pertinacity" Spokesperson: Prof. Frans Plank.

Patrick Pfeleiderer (Department of Chemistry) for the project "Shape effects and self-assembly of suspensions of hard or patchy ellipsoids," within the planned Collaborative Research Centre "Centre for Mesoscopic Structures" Spokesperson: Prof. Dr. Georg Maret.

Michael Dambacher (Department of Psychology) for the project "Towards a Time Course of Decision Making: Incentive-based Effects on Electrophysiological Correlates of Selective Attention," relevant to upcoming projects within the planned Collaborative Research Centre on "Psychoeconomics: Interacting Decision Processes and their Consequences for Economic Performance." Spokesperson: Prof. Dr. Carlos Alós-Ferrer.

Hyuk Je Lee (Department of Biology) for the project "Phylogeographic, population genetic and morphometric analyses of an endangered fish, the bullhead *Cottus gobio* L. in Lake Constance and its surrounding river systems," within the planned Collaborative Research Centre "Organismic Interactions in Aquatic Ecosystems under Changing Conditions" Spokesperson: Prof. Dr. Peter Kroth.

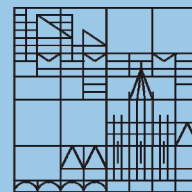
Zohal Hessami (Department of Economics) for the planned Collaborative Research Centre, "Psychoeconomics: Interacting Decision Processes and their Consequences for Economic Performance." Spokesperson: Prof. Dr. Carlos Alós-Ferrer.



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Doctoral Fellows

The following young researchers received a doctoral fellowship for 2010/2011:

- **Julian Bauer** (Department of History and Sociology) Project "Imagining nature, man and culture: configurations of life and orders of things, ca. 1880 to 1930".
- **Khalid Kalim** (Department of Biology) Project "Role of Immunoproteasome subunit LMP7 Specific Inhibitor on T-helper Cell Differentiation".
- **Nadia Müller** (Department of Psychology), Project "The Functional Role of Oscillatory Brain Activity for Auditory Perception".
- **Samra Obeid** (Department of Chemistry) Project "Snapshots of DNA Polymerases Processing Aberrant Substrates: Structural Insights into Abasic Site Bypass and Polymerisation of 5-alkynylated Nucleotide Analogues".
- **Eric Raidl** (Department of Philosophy) Project "Symmetry, Invariance and Objectivity in Probability Theory".
- **Michael Spagnol** (Department of Linguistics), Project "Argument Structure Alternations in Maltese: Lexical Semantics-Morphosyntax Interface"

Manfred Ulmer-Scholarship

On behalf of the Stiftung Wissenschaft und Gesellschaft of the University of Konstanz, the Zukunftskolleg awards the Manfred Ulmer Scholarship to doctoral students every year. The programme is open to doctoral students of all disciplines and pays 1,000 euros per month over six months. It enables the scholars to bridge a financial gap between their studies and their doctoral phase.

This year's winner of the Manfred Ulmer Scholarship is **Nicole Rettig**. Ms. Rettig studied German and Chemistry at the University of Konstanz followed by

Bachelor's and Master's studies in German Literature. She finished her Master's Degree with notable success. In her doctoral studies she will further pursue the topic of her Master's Thesis on "Aperspektivische Raumkonzepte in der Literatur der Moderne".

Events

Jour fixe

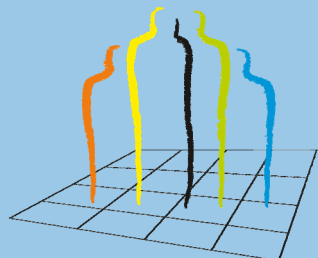
The Zukunftskolleg will organise a weekly Jour fixe with presentations given by fellows and senior fellows in the Winter Semester 2010/2011. The programme can be accessed at

<http://www.zukunftskolleg.uni-konstanz.de/aktuelles/jour-fixe-programm/>

A very special Jour fixe awaits the fellows on 17 February 2011, when David Ganz (Art and Media Studies), currently a relief professor at the University of Basel, where he teaches history of art of the early modern period, will give a guided tour through the Kunstmuseum Basel.

Akademie am See

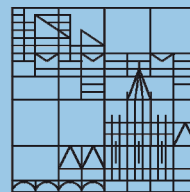
How can career paths in science be organised such that they can be made attractive for top-level researchers from a varied and diverse pool of talent? What new career paths should be opened and pursued in research and teaching? The Akademie am See addressed these questions on the general conditions of a career in science under the heading of "Brain Gain. Wide and diverse potential for top-level research," in Konstanz on 29 and 30 July 2010. The conference organised by the Equal Opportunity Office, the Academic Staff Development Unit (ASD) and the Konstanz Science Forum, and financially supported by the Zukunftskolleg, addressed the creative freedoms of the science system in order to offer researchers the very best development opportunities, and so, studied the question of social equality in the higher education system. A panel discussion appointed with distinguished scientists



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and researchers addressed the topic of "How much fairness can excellence cope with?", while Prof. Dr. Gesine Schwan, President and Co-Founder of the Humboldt-Viadrina School of Governance, gave a presentation on "Educational equity and excellence."

In the second, non-public part of the conference, young scientists and an alumna from the Zukunftskolleg took part in workshops and specifically discussed their own scientific career planning. Among other areas, workshops were offered on the topics of "Alternative career models in science," "Strategic positioning and personal life planning," and "committee work in the university as a networking and career building strategy." (*abridged press release by Marion Woelki, Bettina Duval, Ursula Stricker-Ellsiepen*)

5th EF-EPR Summer School on Advanced EPR Spectroscopy

Electron Spin Resonance Spectroscopy (ESR) is a sensitive analysis method used to solve a wide range of questions in chemistry, physics, biology and materials science. In the past decade the focus has shifted from conventional experiments with the continuous irradiation of frequencies below 40 gigahertz and the examination of naturally occurring paramagnetic centres to complex, pulsed techniques at high frequencies using artificially introduced spin probes to mark macromolecules.

To maintain the training levels of young scientists in line with the latest developments in research, which cannot be achieved through conventional lectures offered in the basic study stage, the European Federation of EPR (electron paramagnetic resonance) groups (EFEPR), initiated a series of summer schools. The 5th summer school on "modern electron spin resonance spectroscopy" (ESR) was organised by Prof. Dr. Gunnar Jeschke from the Swiss Federal Institute of Technology Zurich (ETH) and Dr. Malte Drescher (Emmy-Noether Junior Research Group Leader, Physical Chemistry,

University of Konstanz) in Konstanz from 5 to 12 September 2010.

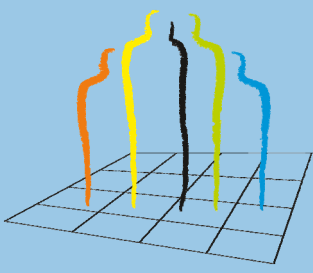
The 77 participants, doctoral students and postdocs from throughout Europe, plus Brazil, Argentina, Israel and the United States, were evenly spread across the fields of methodological development, applicability to biological systems and materials sciences. More than twenty leading international scientists provided a demanding series of lectures, tutorials, and laboratory practicals. The programme was rounded off with two presentations by top-flight international scientists, Prof. Dr. Jack Freed (Northwestern University) and Prof. Dr. Brian Hoffman (Cornell University) on their latest research findings.



A particularly important result of the summer school not only includes the dissemination of new scientific methods across the community as well as the creation of informal networks at doctoral/PhD student level. In addition to this, the lecturers also found the summer school programme to be highly informative. Due to the unexpectedly high number of biologists among the participants, we expect greater attention to be given in the future to newly developing ESR-methods in structural biology.



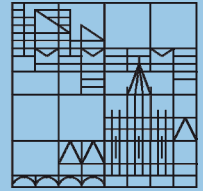
*(Author Malte Drescher,
Organiser of the
5th EF-EPR Summer School,
Fellow of the Zukunftskolleg)*



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Causation, Coherence and Concepts

Franz Huber and **Wolfgang Freitag** and Holger Sturm organised the conference on "Causation, Coherence and Concepts" in Konstanz on topics from the Professor Wolfgang Spohn's philosophy between 11 and 13 November 2010.

Long-distance relations. On how the telephone benefits and inconveniences life

The exhibition "Fernbeziehung. Vom Nutzen und Nachteil des Telefons für das Leben" is collecting 100 years of analogue telephonic history in the customer foyer of the Sparkasse Bodensee until March 2011. Under the directorship of the Art and Media Professor Dr. **Albert Kümmel-Schnur**, students of the degree programme in Literature – Art – Media, plus staff from the working group on "Mensch-Computer-Interaktion" at the University of Konstanz created, in cooperation with the Stuttgart-based architectural office "jangled nerves", a three-part exhibition which illuminates the history and manifestations of analogue telephony from varying perspectives. The background to the exhibition is that the telephone has fundamentally changed our behaviour and the way in which we communicate. It brings people together from far away, yet also transports mysterious voices into the house. (*abridged press release of the University of Konstanz*)

Sights Set on Science

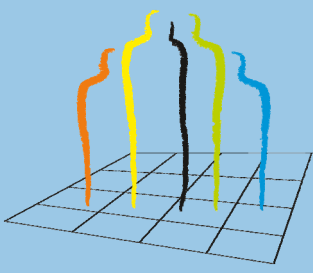
The lecture series "Wissenschaft im Visier" dares to glance behind the scenes of science's image of itself, its methods and its history: How ethical are scientists, given the competition for successful publications? Is it possible to deduce from scientific success that the truth about the world has been understood? How have scientific errors impacted the history of science? The lecture series is jointly organised by the Cluster of Excellence and the Zukunftskolleg, and is initially made up of three evenings. The first block on "Scientific Integrity" was organised by Prof. Melissa Susan Anderson (Minne-

sota) on 20 October 2010 with a lecture on "Empirical Evidence and Global Considerations" and Jeff Kochan (Konstanz/Zukunftskolleg) with "The Scope and Limits of Scientific Integrity". Dr. Matteo Morganti (Alumnus of the Zukunftskolleg) and Prof. Dr. Thomas Kirsch (Konstanz/Cluster of Excellence) enhanced the discussion on 1 December 2010 with a treatment of the questions: "Does science tell us about reality?" and "Are spirits real? Notes on the anthropology of the spirits' possession".

We herewith cordially invite you to attend the third part of the lecture series, "Irrtum als Antrieb? Eine etwas andere Geschichte der Wissenschaft", in R 513 at 18:00 on 19 January 2011. (*Error as Impetus? A slightly different History of Science*). We are delighted to have been able to recruit Prof. Dr. Ulrich Wengenroth (Professor of the History of Technology at the TU München) and Prof. Dr. Bernhard Kleeberg (Juniorprofessor of the History of Science of the Humanities and Social Sciences at the Cluster of Excellence "Cultural Foundations of Integration", University of Konstanz) as presenters as well as Prof. Dr. David Gugerli (Professor for the History of Technology, ETH Zurich) as commentator for this event.

Ulrich Wengenroth speaks about the: "Fruitful Error: The History of Technology teaches us that breakthroughs in new areas had, typically, not already been known or had been seen in a completely wrong light. Fundamental errors often proved themselves to be the driving force for turning previously completely unexpected innovations into reality. What is really new is not the extrapolation of existing knowledge and available technology in the future. It is a surprise only experienced by those who had previously erred."

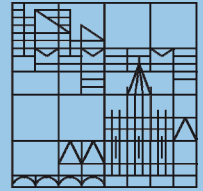
Bernhard Kleeberg addressed the topic "Obstacle, Fiction, Errors between the Natural Sciences and the Humanities": In the natural sciences, errors seem easier to identify – as empirically incorrect explanations of facts; that this is quite a different case in the humanities already arises from the fact, as often claimed, that here we are dealing with a



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different definition of the term "fact". Such assessments are challenged in the lecture, which, together with considerations on the counterfactuality of the question, examines the epistemological obstacles and the 'friction' between scientific objects.

Meeting of the Scientific Advisory Board 2011

The annual meeting of the Scientific Advisory Board of the Zukunftskolleg will be held in the V-Building of the University of Konstanz on Friday, 18 March 2011.

People

New Fellows

The Zukunftskolleg was able to welcome two up-and-coming researchers as new fellows between September and October 2010. They had succeeded in the 5th selection workshop for new fellowships held on 22 and 23 February 2010.

Jeff Kochan, will carry out his project on "The Role of Emotion in Scientific Decision-Making" at the Department of Philosophy, University of Konstanz. He was previously a postdoctoral research assistant at the Department of Philosophy, University of St. Gallen, and a Visiting Researcher at the Philosophical Faculty of the University of Basel, both in Switzerland.

Alexander Titz, is a chemist who previously worked as a postdoctoral fellow at the Institute of Microbiology, ETH Zurich, Switzerland. His project at the Department of Chemistry, University of Konstanz, focuses on "Probing Carbohydrate Protein Interactions with Small Molecules."

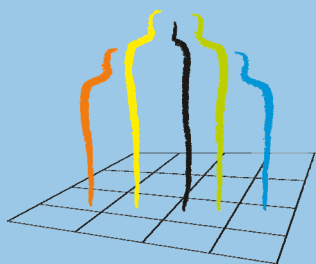
New Senior Fellows

We are pleased to welcome the new senior fellows who have joined us at the Zukunftskolleg in Konstanz since July 2010.

Yoram Carmeli is a Professor emeritus at the Department of Sociology and Anthropology, University of Haifa, Israel. He has written seminal empirical studies on the circus. Since completing his dissertation, based on an ethnographic field study which he carried out as a participant observer and professional clown in a British family circus, Carmeli has contributed comprehensively to the central issues in the field of circus research. So far, this field has been characterised by research perspectives and concepts from art and theatre studies constructing their object as an artistic dream world, untouched by larger political and social developments. Carmeli takes the circus seriously as a life world, a workplace and a social space, and has contributed substantially through his ethnographic work to providing us with an insiders' perspective on the people who live and work in the circus.

In addition to his scholarly work, Carmeli remains connected to the circus at a practical level, e.g. as an expert to the European Colloquium on Circus Culture held in Wiesbaden every other year, or as the founder of the BA Programme in Medical Clowning at the Institute for Theatre Studies, University of Haifa, where he trains clinical clowns for their work with long term patients. Professor Carmeli was nominated by Anna Lipphardt for the senior fellowship of the Zukunftskolleg. With his studies on and in the circus, he will enable the members of the Zukunftskolleg to gain unconventional insights into the field of cultural and social anthropology. Yoram Carmeli was in Konstanz from August to November 2010 and will return in 2011.

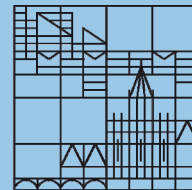
Jean-Pierre Tignol has been in Konstanz since September 2010 and will remain here until the end of January 2011 for his second stay in Konstanz (see also Newsletter No. 11).



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Bernard Frischer is a Professor of Art History and Classics at the University of Virginia. He is a leading scholar in the application of digital technologies to humanities research and education. Frischer has overseen many significant projects, including virtual recreations of sites such as Santiago de Compostela (Spain) in the year 1122 A.D., Port Royal (Jamaica) in 1692, and the city of Rome at the time of the emperor Constantine the Great. His model of Rome was the featured project at SIGGRAPH 2008, held in the Los Angeles Convention Center. In November, 2008, the model was made available at no cost to millions of Google Earth subscribers. Frischer is the author, respectively, co-author of six conventional books, two e-books and numerous articles on virtual heritage and on the classical world and its survival. He is also the editor-in-chief of the award-winning *Digital Roman Forum website* (<http://dlib.etc.ucla.edu/projects/Forum/>). During his stay in Konstanz, Professor Frischer will interact informally with colleagues at the Zukunftskolleg as well as with students and professors at the University as a whole in disciplines such as philosophy, computer science, and literature. The Zukunftskolleg and its fellows will benefit from the highly innovative and interdisciplinary nature of Professor Frischer's research, his open-mindedness, as well as his far-reaching network of international contacts.

New Associated Fellows

The postdoctoral fellowship is a funding instrument designed to contribute to the structural development of the University of Konstanz. By financing postdoctoral fellowships for new research initiatives at the University, which are undergoing a process of formation (e.g. collaborative research centres, research groups, excellence clusters, graduate schools), the Zukunftskolleg aims to increase the focus on specific subject areas at the University and strengthen the position of junior researchers within these initiatives. The postdoctoral fellowship programme aims to recruit young researchers who hold a PhD and have demonstrated outstanding

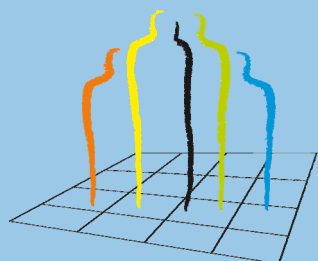
academic achievement with projects which show evidence of unique potential.

Grants, Approvals, Prizes and Professorial Appointments

For her dissertation on the conditions for the origin of democratic forms of governments, **Brigitte Weiffen**, political scientist at Konstanz, received the Young Scientist Prize of the German Political Science Association (DVPW) for the best dissertation to have been published in 2009. Brigitte Weiffen is a research associate in the working group of Prof. Dr. Wolfgang Seibel and an associated member of the Zukunftskolleg. She completed her doctorate at Tübingen in November 2008. For her work in the field of democracy research, she also received a Dan David Prize Scholarship worth 15,000 US Dollars this year. In her doctoral thesis on the "Conditions for the Origin of Democracies. A comparison of internal and external influences," Brigitte Weiffen undertakes a systematic comparison of internal/state and international influence on the democratisation of a country and examines, among other areas, whether the weight of the influences has changed over time as a result of accelerated globalisation. In so doing, she uses statistical analyses of global databases, on the one hand, while, on the other, she considers the South American states of Argentina, Peru, Chile and Paraguay, which, as former military dictatorships, have developed democratic forms of government in various ways over the past four decades. (*abridged press release by University of Konstanz*)

On the occasion of the 126th meeting of the "Society of German Researchers and Physicians" (Gesellschaft Deutscher Naturforscher und Ärzte – GDNÄ) in Dresden from September 17 to 21 2010, **Alexander Titz** was awarded the renowned "Klaus-Grohe-Preis". This award is bestowed on young up-and-coming scientists for their excellent work in the field of medical chemistry.

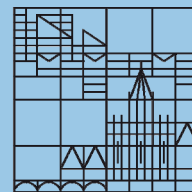
Junior Professor **Dr. Jörg Hartig** will, as an outstanding young scientist, be distinguished with the



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Karl-Winnacker-Dozentenstipendium. The Fonds der Chemischen Industrie (Fund of the German Chemical Industry Association) is awarding the Karl-Winnacker-Dozentenstipendium for the very first time.

Sven Reichardt is a junior fellow at the Freiburg Institute for Advanced Studies (FRIAS) from 1 August 2010 to 28 February 2011.

Peter Brüssel was offered an NIP Visiting graduate fellowship for the period from 25 May to 11 July 2011 and has accepted it.

Karsten Lambers received a research grant in connection with the Joint Funding Programme 2010 "Climate Change in the Alps - Junior-Research Groups" of the Herzog-Sellenberg- and Dr.-Erich-Ritter-Foundation: Karsten Lambers received funding within the scope of the interdisciplinary collaborative project "10,000 Years of Climate and Settlement Dynamics in the Silvretta-Massive between Paznaun (Austria) and Unterengadin (Switzerland)" from 2010 to 2013.

Karsten Lambers took up the Junior Professorship for Information Processing in Geoarchaeology at the University of Bamberg on 1 October 2010.

Sabine von Heusinger is appointed Professor of Medieval History at the University of Cologne and takes office there on 1 February 2011.

Publications

Andreas Karrenbauer/J. Hatzl, A combinatorial algorithm for the 1-median problem in R^d with the Chebyshev-norm, Operations Research Letters (2010), doi:10.1016/j.orl.2010.07.002

Andreas Karrenbauer/T. Rothvoß, A 3/2-approximation algorithm for rate-monotonic multiprocessor scheduling of implicit-deadline tasks. 8th Workshop on Approximation and Online Algorithms (WAOA)

David Ganz/Felix Thürlemann (Hg.), Das Bild im Plural. Mehrteilige Bildformen zwischen Mittelalter und Gegenwart, Berlin: Dietrich Reimer 2010.

M. Eichberger, H. Schäfer, M. Krumova, M. Beyer, **J. Demsar**, H. Berger, G. Moriena, G. Sciaini, R.J.D. Miller "Snapshots of cooperative atomic motions in the optical suppression of Charge Density Waves", Nature, DOI: 10.1038/nature09539.

Alumni and Alumnae

Matteo Morganti took up a permanent position as a researcher at the Department of Philosophy of the University of Rome 'RomaTre' on November 1, 2010.

Rudolf Bratschitsch was appointed to a W3 Professorship for Experimental Physics at the TU Chemnitz on 29 September 2010 and officially took office there on 1 October.

Iris-Tatjana Kolassa received an offer for a W3-Professorship at the Chair for Clinical & Biological Psychology, Institute of Psychology and Pedagogy, at the University of Ulm, which she has represented since 1 October 2010.

"Very young scientific researchers"

Matteo Morganti became the delighted father of his son, **Pietro**, on 2 November 2010. The Zukunftskolleg extends its warmest best wishes!

Imprint

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