SCHLOSS DAGSTUHL
Leibniz-Zentrum für Informatik

Dagstuhl Annual Report

January - December 2008

2009

Leibniz
Gemeinschaft

Dagstuhl Annual Report

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Pictures taken by research guest Nick McPhee, University of Minnesota, in May 2008

1. Schloss Dagstuhl Center

1.1.   Stimulating Exchanges in Relaxed Surroundings

The mission of the Leibniz Center for Informatics (LCI) at Schloss Dagstuhl is to promote world-class research in informatics, support leading-edge continuing education and professional development, and promote the exchange of knowledge and findings between the academic community and industry.

Founded in 1990 as "International Conference and Research Center for Computer Science (IBFI)", the Center hosts research seminars at which promising young research scientists are afforded the opportunity of discussing their views and research findings with the international elite of their field in a specific cutting-edge field of informatics. The seminars enable new ideas to be showcased, topical problems to be discussed, and the course to be set for future development in the field.

A proposal is submitted for a seminar by a small group of scientists of international standing in the respective field. The Scientific Directorate is responsible for approving the proposals and the participant lists. Participation in a seminar is possible only by way of personal invitation by the Center. The researchers invited to a seminar are asked to report on their latest work and findings.

The seminars generally last one week. The Center assumes part of the associated costs in order to enable young, promising scientists and doctoral students to participate. Schloss Dagstuhl is also a research center, meaning it is more than just a collection of conference facilities and guestrooms. Lounges and working areas are also featured which invite the visitors to get together in small groups outside of the official conference offerings for connecting one on one or for doing work in the research library. The Center has three lecture halls, a number of conference rooms, computer rooms, a comprehensive research library and 65 accommodation units — singles for the most part but also a couple of doubles and three studio apartments.

In 2008 one or more Dagstuhl Seminars or Perspectives Workshops were booked at the Center throughout all 52 weeks of the year. Gatherings of smaller workgroups were hosted in parallel to the seminars. The facilities were available for other informatics conferences and events during the few weeks when they were not being used for Dagstuhl Seminars. In addition, individuals were accommodated for research stays lasting several weeks in some cases. There is only one condition applicable to all the offerings: They have to be related to informatics.

Schloss Dagstuhl is located in the charming countryside of northern Saarland, in the tri-country region formed by Germany, France and Luxembourg. As they say, location is everything, which is why Schloss Dagstuhl offers a host of possibilities for "getting up close and personal" with nature. Yet Schloss Dagstuhl is also conveniently located, as it is near the Saarbrücken-Trier-Koblenz and Kaiserslautern-Trier autobahns, meaning it can be easily reached from Saarbrücken, Trier and Kaiserslautern in less than an hour.

1.2.   Structure of the Center

The Leibniz Center for Informatics is operated as a non-profit organization whose associates are the Gesellschaft für Informatik e.V. (GI, or German Informatics Society), of Bonn, Saarland University, the Technical University of Darmstadt, and the Universities of Frankfurt, Kaiserslautern, Karlsruhe, Stuttgart and Trier. Other associates of the Center are: three research institutes of international renown, i.e. the French National Institute for Research in Informatics and Automatic Control (INRIA), of Rocquencourt, France; the Dutch National Research Institute for Mathematics and Informatics (CWI), of Amsterdam, Netherlands; and the Max Planck Society (MPG), represented by the Max Planck Institute for Informatics, of Saarbrücken, Germany.

By virtue of the resolution of the Federal Government–State Commission for Educational Planning and Research Promotion (BLK) in 2005, the Center was included as a research service institution in the joint funding of the German federal and state governments (Blue List).[1] The joint funding of the Center by the federal and state governments started on 1 January 2006.

The institutions of the Blue List have joined together in the Leibniz Association. The Center has been a member of the Leibniz Association since 26 November 2004. On 18 April 2008 the Center changed its name to "Leibniz Zentrum für Informatik (LZI)" resp. "Leibniz Center for Informatics".

1.3.   Dagstuhl Bodies

Bodies in charge of the activities offered at the Center (for the body members, cf. Annex 1):

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[1] Cf. position paper issued by the *Wissenschaftsrat* dated 25 November 2003 (doc. no. 5523/03): http://www.wissenschaftsrat.de/texte/5523-03.pdf

Associates' Meeting

The Associates' Meeting convenes meetings of the Supervisory Board and is responsible for amendments to the articles of incorporation and the admission of other associates.

Supervisory Board

The Supervisory Board is responsible for ensuring that management complies with the Center's objectives in a meaningful legal and economic manner. It is involved in all essential matters pertaining to research and financial planning.

It is composed of four representatives of the German Informatics Society (GI), one representative each of the three founding universities (Saarland, Karlsruhe, Kaiserslautern), two representatives of the universities that subsequently joined (Darmstadt, Frankfurt, Stuttgart, Trier), and one representative each of the federal government and the two host state governments (Saarland and Rhineland-Palatinate). The members of the Supervisory Board hold office for four full fiscal years. The Supervisory Board convenes meetings of the Scientific Directorate and of members of the Scientific Advisory Board and the Industrial Curatory Board.

Scientific Directorate

The Scientific Directorate is responsible for the Center's seminar program. It reviews the proposals for the Dagstuhl Seminars and the Perspectives Workshops and decides whether they merit approval. It reserves the right to approve the individuals included in the participant group. It also makes recommendations to the Scientific Directorate concerning seminar topics when individual informatics fields are not well represented, and develops new event concepts.

The Scientific Directorate is comprised of one informatics professor from each of the university and research center associate members, and four GI delegates. Of these individuals, two are nominated by the GI's Executive Board and two by the GI's Advisory Board of University Professors (GIBU), which is independent of the Executive Board. The Scientific Directorate is comprised of a total of fourteen members. The members and the Scientific Director hold office for three years.

The members elect a Scientific Director from their midst. Professor Dr. Reinhard Wilhelm has been the Center's Scientific Director since its founding.

Scientific Advisory Board

The members of the Scientific Advisory Board are internationally diverse. The Board's purpose is to lend critical support in the management of the Center with regard to its scientific orientation and the user orientation of its service offerings, and in fundamental decisions pertaining to the Center's

continued development. Its task is to advise the Supervisory Board and Scientific Directorate in a scientific or subject-matter capacity. Another task is to evaluate the Center's achievements and draft a status report including position paper and recommendations (audit) for the senate of the Leibniz Association. The Board convenes once a year, convening with the Industrial Curatory Board every two years. For the current Scientific Advisory Board members, see Annex 1.

Industrial Curatory Board

The Industrial Curatory Board performs a transfer function between the Center and the R&D departments and labs of industry. It also has the task of securing the acceptance of the Center by government authorities and industry and, being a promotional organization, expanding the Center's economic base. The task of the members of the Curatory Board is to promote current R&D topics and to locate attractive organizers in industry and provide suggestions for seminar topics.

The Curatory Board is regularly called upon to propose suitable participants for seminars known to it from its activities.

For the current members of the Curatory Board, see Annex 1.

1.4.   The Dagstuhl Team

A 41-strong team including one trainee works under the supervision of the Center's two directors, Prof. Dr. Reinhard Wilhelm (Scientific Director) and Wolfgang Lorenz (Technical Administrative Director). 13 individuals are charged with scientific and administrative tasks or overseeing the library and IT systems, 27 are charged with housekeeping, cooking and maintenance.

During 2008 Prof. Wilhelm was awarded two honorary doctorates in recognition of his achievements in establishing the Schloss Dagstuhl Informatics Center and guiding it and of the key role played by the Center for informatics at the international level. The honorary doctorates were awarded by the Aachen University of Technology (24 October 2008) and the University of Tartu (Estonia) (1 December 2008).

The scientific staff supports the seminar organizers, serves the Center's bodies, and tends to the publications of the guests. Dr. Roswitha Bardohl's membership on the GI Executive Board and the GI Extended Executive Committee has resulted in closer collaboration with the GI, in addition to opening up a series of key contacts with the German informatics community.

1.5.   PR Work and Media Relations

The work of the scientific staff is increasingly coming to be characterized by public relations efforts. In 2008 press releases were prepared for

seven seminars and disseminated via various outlets. This not only serves to make the Center and its concept more well known, it is also a key platform for showcasing current informatics topics in a readily understandable manner and disseminating them. Press releases and resulting publications in various media are to be found on the Dagstuhl web server, the latter insofar as their existence is known:

http://www.dagstuhl.de/ueber-dagstuhl/presse

After the first workshop entitled "Writing about Informatics" was organized in July 2007, a second one was organized in 2008 for young journalists and trainees in association with the Klaus Tschira Foundation, which again assumed a large portion of the funding. The participants were given an introduction to informatics and received guidance from Winfried Göpfert, Professor of Scientific Journalism of the Free University of Berlin, on how to present abstract and technical topics in a generally understandable and intriguing manner. To complete the practical portion of the course, the participants had access to the attendees of the Dagstuhl seminar taking place in parallel. Five of the reports resulting in this manner appeared in supraregional publications
(See http://www. dagstuhl.de/08392).

Another workshop in this series is planned for June 2009.

1.6. Sponsors and Donors of the Center

In addition to the funding from the German federal government and state governments, the Center also receives donations and contributions from other sources:

The Informatics Research Library received book donations from the following publishers during 2008:

- dpunkt-Verlag
- Heise Verlag
- O'Reilly & Associates Inc.
- Pearson
- SIAM Society for Industrial and Applied Mathematics
- Springer-Verlag
- vdf Hochschulverlag

The library also receives numerous book donations from seminar participants. The Center is grateful for donations of author's copies, particularly those of major works which are out of print. In total, the

Center received 853 volumes during the year under review in the form of donations from publishing houses and seminar participants.

1.7. Schloss Dagstuhl Informatics Center Foundation

Dagstuhl can be supported via the Foundation in various manners:

Contributing member, individual membership

The Foundation's contributing members are the exclusive recipients of an annual scientific publication detailing the results and findings of the Dagstuhl Seminars, in addition to this Annual Report including the program of the Dagstuhl Seminars and other events hosted at the Center. Members can determine the amount of their annual membership fee themselves, however they should commit to a minimum of €60.

Contributing member, corporate/institutional membership

Minimum annual membership fee: €600 for educational institutions, €1,200 for corporate and other members.

Sponsoring of individual events

Dagstuhl has proven an invaluable forum for industry players as it provides a common turf for meeting with researchers. This means that researchers become acquainted with new requirements and developments in industry, with the latest scientific findings and results being conveyed to industry players. Companies can partake in the Center's high renown and its events by sponsoring or funding individual Dagstuhl Seminars. Sizable contributions are given honorable mention via the Dagstuhl website and other media (example: http://www.dagstuhl.de/08242).

The following seminars received funding from industry and other organizations in 2008:

Microsoft Research, Cambridge, UK: "Types, Logics and Semantics for State," (08061, 03.02.08 – 08.02.08), Amal Ahmed (Toyota Technological Institute, Chicago, IL, USA), Nick Benton (Microsoft Research UK, Cambridge, UK), Martin Hofmann (University of Munich (LMU), Germany), Greg Morrisett (Harvard University, USA)

Microsoft Research, Cambridge, UK: *"Transactional Memory: From Implementation to Application,"* (08241, 08.06.08 – 13.06.08), Christof Fetzer (TU Dresden, Germany), Tim Harris (Microsoft Research, Cambridge, UK), Maurice Herlihy (Brown Univ., Providence, RI, USA), Nir Shavit (Tel Aviv Univ., Israel)

Trilogy Consortium (British Telecom & European Commission): *"End-to-End Protocols for the Future Internet,"* (08242, 08.06.08 – 11.06.08), Jari Arkko (Ericsson, Finland), Bob Briscoe (BT, Suffolk, UK), Lars Eggert (NOKIA Research Center, Helsinki, Finland), Anja Feldmann (TU Berlin, Germany), Mark Handley (University College London, UK)

Deutsche Forschungsgemeonschaft (Bonn): *"Computer Science in Sport,"* (08372, 07.09.08 – 10.09.08), Arnold Baca (University of Vienna, Austria), Martin Lames (University of Augsburg, Germany), Keith Lyons (Australian Institute of Sport, Australia), Bernhard Nebel (University of Freiburg, Germany), Josef Wiemeyer (TU Darmstadt, Germany)

Klaus Tschira Foundation: Scientific Journalism Workshop *"Writing about Informatics,"* (08392, 21.09.08 – 24.09.08) Jörg Göpfert (Berlin, Germany), Winfried Göpfert (FU Berlin, Germany), Friederike Meyer zu Tittingdorf (Competence Center for Computer Science, Saarbrücken, Germany)

Corporate donations

In 2007 the Foundation received an endowment gift from the **Hasso Plattner Institute**, of Potsdam.

The Foundation continues to be dependent on the generous contributions and donations of companies, as the Foundation's assets have not yet reached the level as provided for in section 3 of its Articles of Incorporation (€500,000). The Dagstuhl Foundation is recognized by the German tax authorities as a non-profit organization, meaning that contributions and donations to German organizations are tax-deductible.

For more information on the Foundation, please refer to http://www.dagstuhl.de/ueber-dagstuhl/ stiftung-foerderung/

For the articles of incorporation of the Schloss Dagstuhl Informatics Center Foundation, see Annex 5.

2. Events at Dagstuhl

The Center fulfills its designated tasks by organizing and hosting scientific seminars, and by providing the facilities offered by the Center for conducting various informatics conferences and working retreats.

2.1.   Dagstuhl Seminars

The Dagstuhl research seminars are accorded top priority in the Center's annual program as they are a key instrument for promoting research. The Dagstuhl Seminar program for the year under review (2008) is to be found in Annex 2. An up-to-the-minute program covering the coming eighteen months is available on the Dagstuhl website. The spectrum of the seminar topics fluctuates considerably from year to year, in so doing providing an excellent if not comprehensive view of the areas currently under discussion in the international informatics arena. The topics of the seminars proposed for 2009 and 2010 point to the following future trends:

- Software Engineering

- Data Structures, Algorithms, Complexity

- Semantics, Logic, Verification

- Networks, Distributed Systems

- Interdisciplinary topics like *Informatics and Sports, Music*, etc.

Dagstuhl's distinguishing accomplishment is the establishment of pioneering, interdisciplinary seminars which have virtually become institutions unto themselves. Many topics dealt with in depth at Dagstuhl subsequently develop into highly active research fields, resulting in some cases in DFG priority programs and other grant and funding programs. Below follows an overview of the topics on which seminars are regularly conducted at Dagstuhl (the years indicated in parentheses indicate the first year a Dagstuhl seminar was conducted on the topic):

- *Bioinformatics* (1992)

- *Semantics in the World Wide Web* (1999)

Various Dagstuhl Seminars have succeeded in bringing groups of researchers and scholars of various areas and disciplines together for the first time. To be sure, these individuals were involved in research in associated issues, methods and techniques, however they hadn't been able to benefit from a common discussion platform. New interdisciplinary topics include social networks and logistics.

2.2.   Perspectives Workshops

The Dagstuhl Seminars are supplemented by workshops, which focus on subfields or are interdisciplinary in nature, thus covering more than one informatics field. These forums are designed to

- contribute to an analysis of the present status of a field

- tap into potentials and development perspectives of existing fields of research

- detect shortcomings and problematic developments, particularly in the German research landscape

- show research directions

- trigger innovation processes

These workshops are designed to generate recommendations for research donors and sponsors and give impetus to research projects and Dagstuhl seminars for key informatics areas.

For the most part, the workshop participants are 15-30 scientists of international standing in their respective fields who cover all subfields and sub-aspects. Instead of reporting from current research results, the focus is on presenting position papers which outline the current status in the field, open issues, shortcomings and problematic developments, and directions to be pursued. The results of the in-depth discussions are presented in publications (manifestos) detailing the open issues and possible research perspectives for the coming 5 to 10 years. They are then forwarded by Dagstuhl as research policy impulses to German and other European research donors and sponsors (EU, German Federal Ministry of Education and Research, DFG, etc.).

Starting in 2009, abstracts of the manifestos will be presented in a column of *Informatik-Spektrum* (published by Springer). The results of four Perspectives Workshops of 2008 will be featured in the Springer quarterly *Computer Science — Research and Development.*

The following Perspectives Workshops were conducted in 2008:

- *Theory and Practice of Argumentation Systems*
  http://www.dagstuhl.de/08042

- *Telecommunication Economics*
  http://www.dagstuhl.de/08043

- *Network Attack Detection and Defense*
  http://www.dagstuhl.de/08102

- *End-to-End Protocols for the Future Internet*
  http://www.dagstuhl.de/08242

- *Model Engineering of Complex Systems* (MECS)
  http://www.dagstuhl.de/08331

- *Virtual Games, Interactive Hosted Services and User-Generated content in Web 2.0*
  http://www.dagstuhl.de/08393

- *Science of Design*
  http://www.dagstuhl.de/08412

Six further Perspectives Workshops are planned for 2009.

For more information see: http://www.dagstuhl.de/pw-list

2.3.   Other Events

Other events are hosted at the Center apart from the Dagstuhl Seminars and Perspectives Workshops:

- GI-Dagstuhl research seminars, bringing together young scholars for a specific topic and funded by the German Informatics Society (GI)

- Summer schools, continuing education offerings of the German Informatics Society (GI) and German Informatics Academy (DIA), CPD for teachers and instructors, education and training of science journalists

- Departmental conferences of graduate colleges, GI specialist groups and other academic and industrial working groups

- A small number of international informatics conferences

2.4.   Research Stays

Many people regularly take advantage of Dagstuhl's offer of using the Center for research stays. In most cases these are individuals who wish to use the Center as a retreat for several weeks in order to devote themselves to their studies undisturbed. In 2008, 12 research guests availed themselves of this opportunity.

## 2.5.   Utilization of the Center

105 events with 3,000 guests were featured in 2008, making for ca. 11,000 overnight stays and another extremely high utilization rate. In so doing, the Center's capacity limits have been reached. The Dagstuhl Seminars proved to be most popular among the almost 70 proposals submitted in 2008. Dates for three-day events are increasingly being offered and the number

of participants reduced to 30 in some cases, enabling two events to be organized in parallel.

Working retreats generally use this event format. The result is that three or more events take place in parallel and in sequence during many weeks. The weekends were kept free in 2008, as well as two weeks in August and at the end of the year, this time being required for maintenance work to building facilities and administrative work. Apart from a few isolated periods and a series of as yet unbooked parallel event slots for groups of up to 20 participants, the Center is booked up through August of 2010 (status: February 2009).

The following charts show the increase in usage figures according to events and participants since the Center was founded, along with a breakdown according to the different event types. For more particulars on the various events in 2008 (date, title, organizer, etc.), please refer to Annex 2. Dagstuhl's website contains the program of upcoming events and further information and material on all events past, present and future, e.g. objective, participant list, concluding report and, in some cases, references to in-depth information.

Events
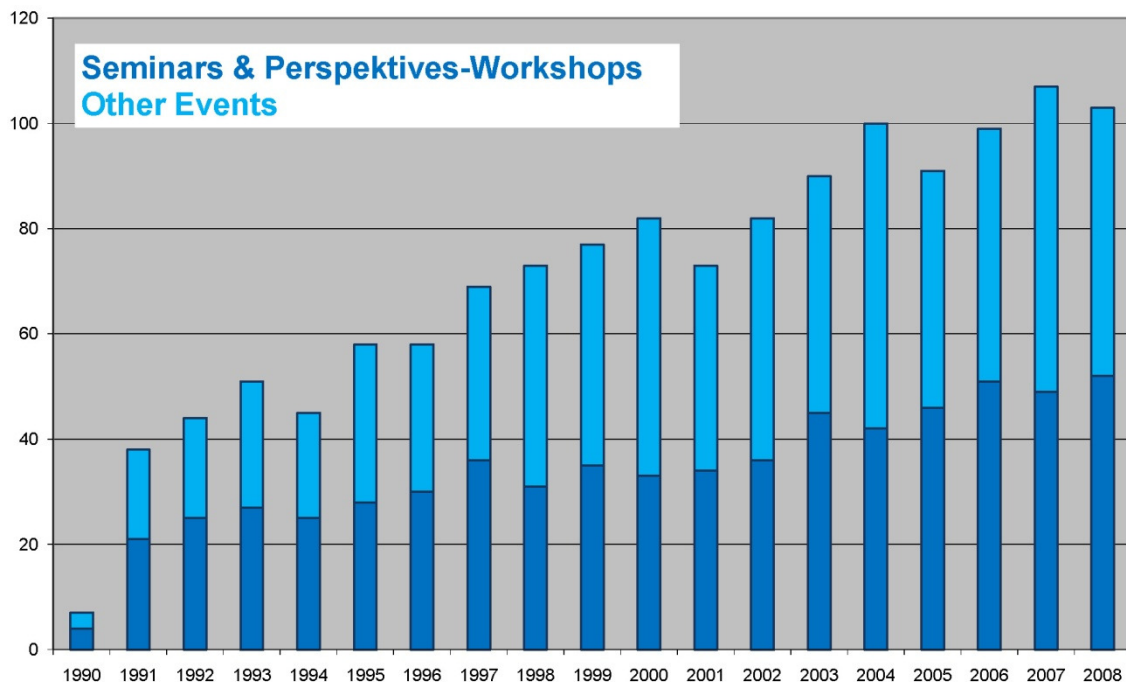
Guests
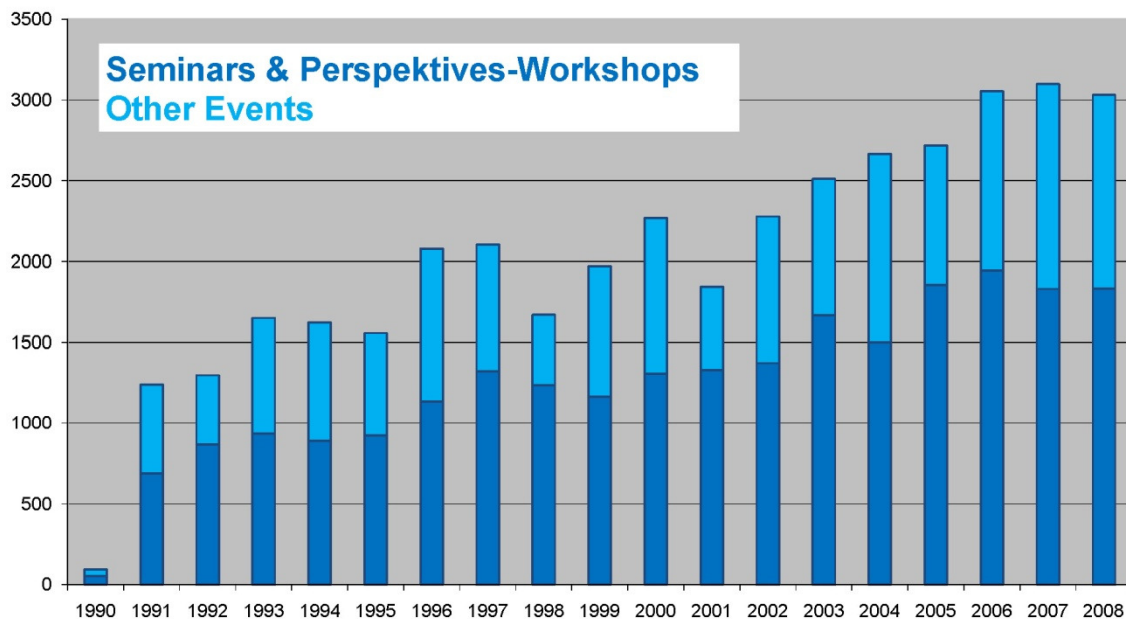
2.6.   Quality Assurance

Schloss Dagstuhl has been conducting a survey of its guests since April 2007, the questionnaire containing questions about their satisfaction with the content of the event and organization of their visit. Dagstuhl used this input to develop an improved questionnaire in May of 2008. This version of the questionnaire complies with the guests' desire for fewer and more detailed questions. In 2008, 586 guests filled out the new questionnaire, this amounting to a return rate of over 50%.

The results of each questionnaire are made available to all to of the Center's departments every week via e-mail, this enabling a quick response to issues and wishes. At the same time the results of the content questions are made available to the seminar participants via e-mail, typically in the week following their stay at the Center. This enables the organizers to receive feedback on how the seminar went and tips for organizing future seminars.

The chart below shows guest satisfaction in 2008 with regard to selected aspects of Dagstuhl Seminars. The excellent results are not only a recognition of the Center's past work but also pose a challenge for its future work.
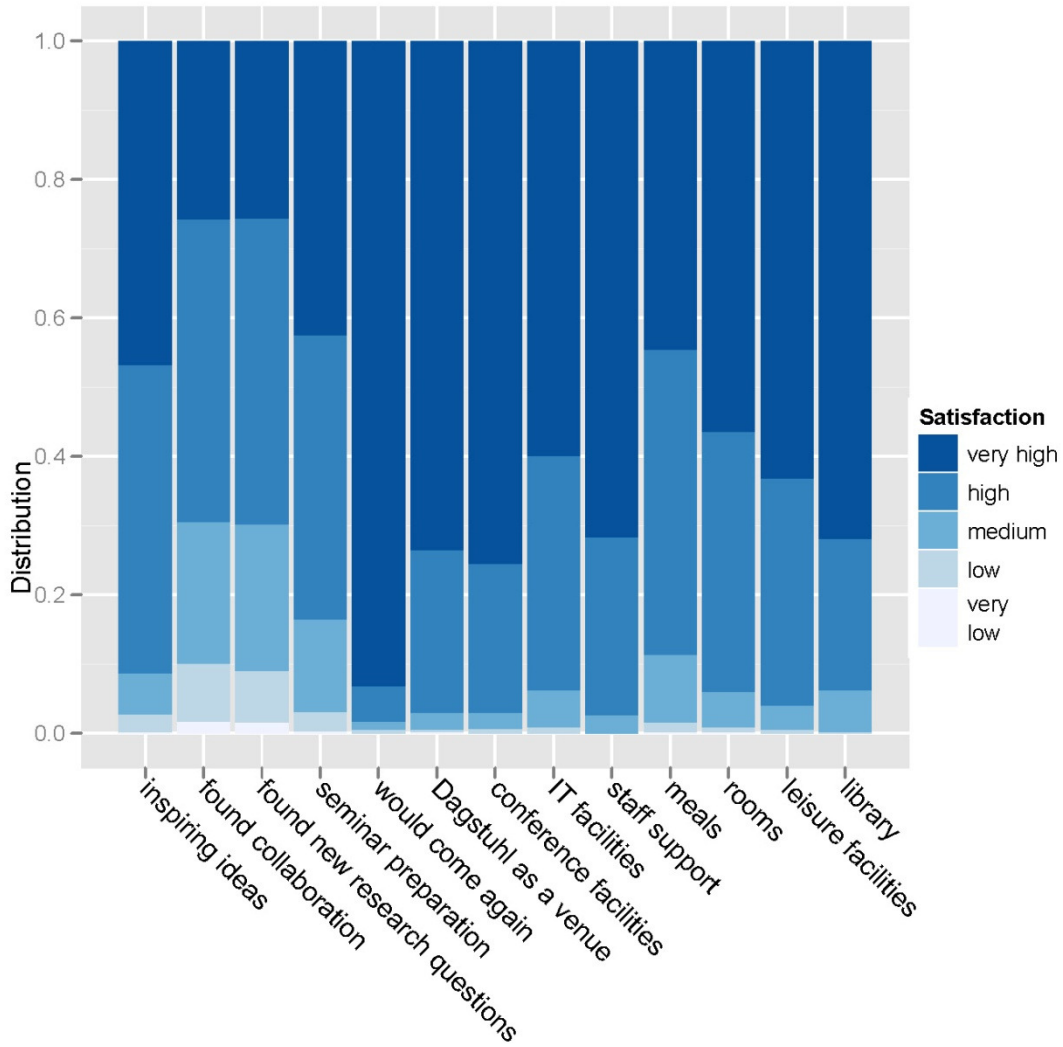
Participant Satisfaction in 2008

2.7.   Participants

At 68% the proportion of foreign guests in Dagstuhl Seminars was extremely high again during 2008 (European countries except for Germany: 37%). The following chart shows the distribution according to area of origin of our guests in 2008. For a detailed breakdown of the countries of origin of all the participants of Dagstuhl events, please refer to Annex 3.
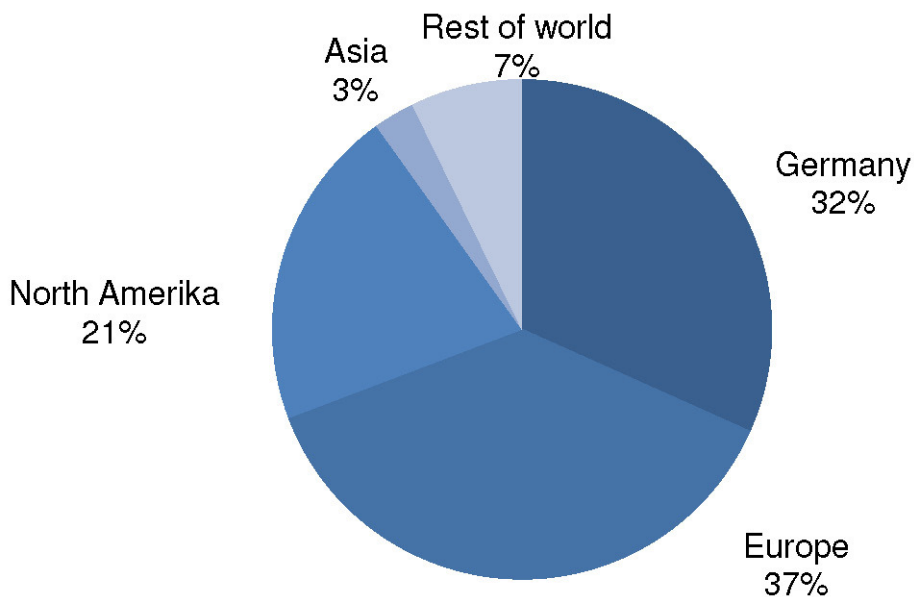
To put it mildly, Dagstuhl Seminar and Perspective Workshop participants are enthusiastic about the Center, i.e. they are quite taken with the idea and concept of promoting informatics research in this manner, in addition to being "enchanted" by the quaint manor house, the ambience created by the Center, the research and discussion opportunities, not to mention the Center's surroundings, and the commitment and dedication of its staff.

Annex 4 contains a number of excerpts from written reports and thank-you letters received by the Center.

3. Offerings for Dagstuhl's Guests

3.1. Conference Facilities

The Center has three lecture halls with a seating capacity of 25 to 60 each, in addition to several conference rooms. Apart from the usual projection equipment, the lecture halls are also equipped with LCD projectors to which the participants' laptops and the Center's computing and video systems can be connected, in addition to featuring Internet access. These facilities not only enable talks and papers to be presented in an optimal manner but also permit online demonstrations of active and distributed systems to be given to large audiences.

3.2. Computers and Networking

Hardware

2008 saw the further virtualization of the Center's existing servers and consolidation of computing and storage resources. The basis for this concept is the Center's own storage area network (SAN). Virtualization consists of grouping three servers together in a cluster. This cluster is configured so that an outage of one of the servers is compensated by the two remaining servers, thus ensuring continued hitch-free operation. In addition, the Center's existing back-up solution has been integrated in the SAN in order to enable the available resources to be utilized more effectively.

WLAN

A WLAN is set up in the old building and in the guest rooms of the new building, enabling these areas to be networked and provided with Internet access. This is available to guests, assuming their laptops are equipped with the proper PCI card. The WLAN also extends to the library and some of the function rooms in the old building, providing for a large number of laptop places featuring Internet access. Researching the library's online catalogue can be conveniently done from one's own laptop.

Dedicated Link to the German Research Network

2008 also saw the course being set for the continued expansion of Internet access at the Center. Since 2008 the Center has been linked to the German research network by way of an additional separate line. This not only means an increase in available bandwidth (by ca. 10 Mbit/s), but also ensures an independent link is available if there is an outage of one of the other lines.

3.3. Research Library

The Research Library is one of the Center's most impressive offerings. Thanks to the startup financing provided by the Volkswagen Foundation and numerous book donations of publishing houses and seminar participants, it numbers among Germany's key informatics research libraries.

The library collects current research literature on informatics topics for the respective seminars, primarily in English. As of 31 December 2008, the library's assets totaled 53,975 bibliographic units, all of which are contained in the online catalog. The Center's holdings of journals and periodicals are impressive, now extending to more than 483 titles. The library subscribes to the electronic versions of most journals, dispensing with the print editions altogether.

The literature is arranged on four levels in an attractive library tower, which also offers a large number of recesses for quiet study and research. Being a reference library, it is at the disposal of the Dagstuhl Seminar participants 24/7 for their research work on site. A total of 5 workstations are available to the users of the library. External scholars can also use the library provided they register beforehand.

In order to support informatics research in Germany and throughout the world, the Center's entire holdings of periodicals are also made available to other libraries, particularly by way of inter-library loans. The library's entire holdings of journals and periodicals are additionally listed in the periodicals database and the digital library. In addition, the library is a member of the Virtual Library of Rhineland Palatinate/Saarland (VBRPExpress), a media loan service for the citizens of these two states. The library's archive items in particular are to be made available for loan for the first time.

The library also regularly arranges comprehensive book exhibits. Every week all the books authored by the participants of the current Dagstuhl Seminar are put out on display on the first floor (one level up from the ground floor). The authors are also requested to sign their books. If desired, book exhibits on a particular topic are also put together by the organizers. In addition, all book donations received from publishers are exhibited separately and the exhibits regularly updated. This service is highly appreciated by the Center's guests and publishers alike.

The following can be accessed via the library's webpage: on-line catalogue, journal list with access to the journals available online, in addition to other information offerings.

For more information see: http://www.dagstuhl.de/de/library/

3.4. Seminar Materials

A custom-developed concept offers seminar participants a platform, the Materials Server, where they can upload materials in the form of metadata and documents on their presentation, e.g. slides or articles. These materials can be used on site and thus made available to the other seminar participants. Participants are asked to also upload metadata to the server such as the title of the presentation, (co)authors, abstract and keywords that describe their presentation on a meta level so that the reader knows in advance whether the respective document might be of interest to him. A dynamic website enables organizers to obtain an overview of which presentations have been registered and accordingly plan the seminar program. It is also possible to upload associated documentation like seminar syllabuses, discussion results, tutorial scripts etc. to the Materials page. The documents are drafts of sorts and can be modified or deleted by the participants at any time.

Example: http://www.dagstuhl.de/08491/Materials/

During 2008 the participants of the 52 seminars and Perspectives Workshops uploaded 1684 documents to the Materials Server, with presentation slides accounting for the bulk of this material.

Seminar Materials	2008
Presentation Titles	1675
Slides	1050
Extended Abstracts / Papers	513
Other Documents	121
Total Documents	1684

3.5. Publications

In keeping with the concept of the Dagstuhl Seminars, no finished work or projects are presented but rather the seminars serve to provide insight into ongoing research. Consequently, as a rule no proceedings volumes are published on the seminars. Instead the participants are called upon to submit the abstracts on their papers or talks, which are then complemented by a summary (including review and outlook) contributed by the seminar organizers and then published by the Center.

Up until 1999 the **Dagstuhl Seminar Reports** were printed and distributed as brochures. Since 2000 they are available in electronic form only and can be accessed via the seminar page of Dagstuhl's web server. Since 2004 they are published on line in the **Dagstuhl Seminar Proceedings** (DSP). After the seminar, participants are prompted by a call for papers to submit

extended abstracts or articles on their presentations or on key discussions or round-table talks in addition the metadata submitted on their presentations. The seminar organizers decide which of the submitted documents are accepted for publication. The result is that one DSP volume per seminar is published on DROPS.

3.6. DROPS

The **Dagstuhl Research Online Publication Server, a.k.a. the DROPS platform**, administers all the requisite metadata on each publication in accordance with general guidelines pertaining to online publications (Dublin Core), thus ensuring availability in the long term. This enables the online publications to be cited and be accessible by a wide readership. Access is free of charge for readers in keeping with the *open access* idea, which fosters unimpeded access to scientific publications. In addition to the *Dagstuhl Seminar Proceedings*, this server is capable of also accommodating other publications. Since 2005 there have been a total of 163 Seminar Proceedings containing 1,190 documents, in addition to 12 further publications of events hosted at Dagstuhl and 210 publications of external workshops.

For more information see: http://drops.dagstuhl.de

Each volume is accessible via a portal of its own on DROPS. Searching can be done on the server according to keywords; full-text searching is also possible. Example: http://drops.dagstuhl.de/portals/08261/

As of the end of 2008, the following had been published on DROPS for the 42 seminars (of a total of 49): 239 abstract collections, articles and other documents. A series of other documents is currently in preparation. An overview of the number of publications available is given in the following table:

DROPS publications (status: 02/2009)	2005	2006	2007	2008	Total
Dagstuhl Seminar Proceedings	**39**	**42**	**41**	**42**	**163**
Dagstuhl Seminar Proceedings Documents	310	314	327	239	1190
Documents of Other Events	1	–	–	11	12
Documents of External Events	–	53	33	125	211
Total Documents	**311**	**367**	**360**	**375**	**1413**

Since 2008 we have been writing to all seminar organizers two weeks after their stay in Dagstuhl, explaining to them about DROPS and the publication steps involved. This has resulted in a perceptible increase in the seminar proceedings being published relatively soon after the seminar. The following chart shows the delay between the end of a seminar and the publication of the seminar proceedings from 2006 to 2008. The horizontal axis shows when the seminar took place and the vertical axis the period

until publication in terms of the mean value and confidence interval. The average delay in 2008 is around the 100-day mark.
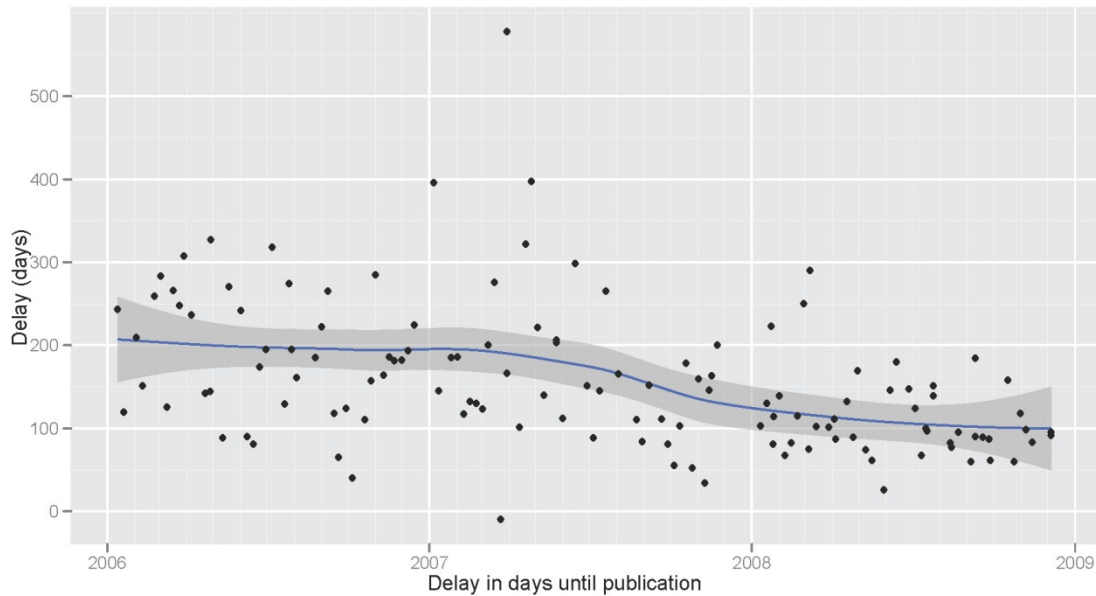
The number of publications per seminar in 2008 corresponds to the figures of previous years. Many seminars publish minimal documentation, few seminars publish in excess of ten documents. This indicates that the future of DROPS is going in two directions, with the workshop-like seminars (more publication-rich) dominating.
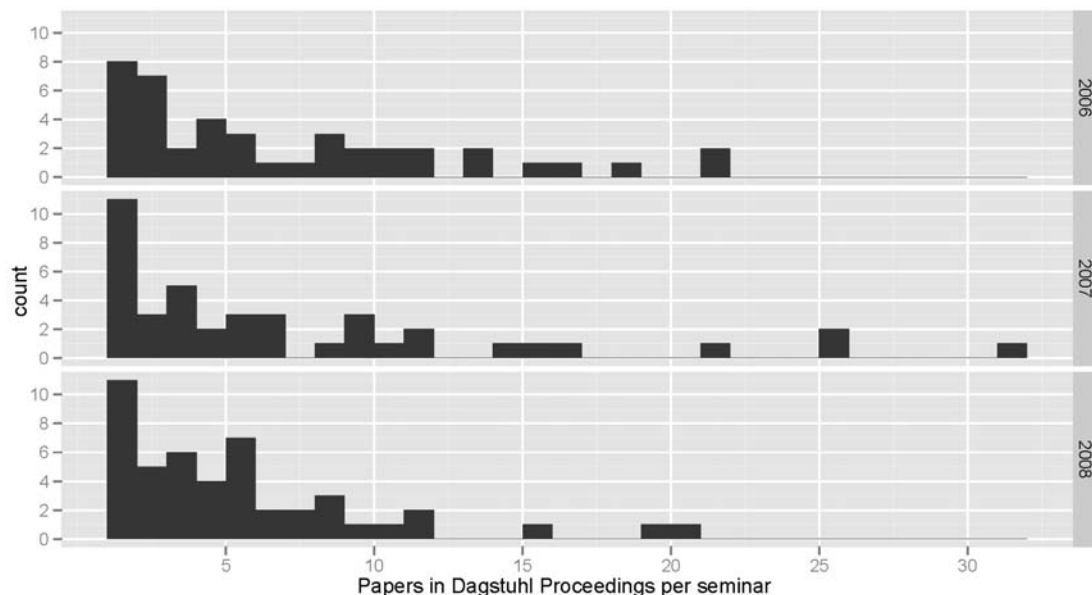
The operational start-up of the DROPS online publication server is linked to supporting the Open Access movement (http://open-access.net). By signing the "Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities", the Center followed the example set by a large

number of key international institutions for R&D and research promotion. The vision jointly being pursued is to disseminate knowledge so that it can be easily accessed throughout the world without any financial obstacles being imposed. This applies in particular to scientific publications. The Internet enables them to be published without charging a fee for reading them.

Apart from the Dagstuhl Seminar Proceedings, key follow-up publications are issued for many seminars (books, special journal issues, and individual articles). This is frequently also done for the other events. The list of all publications available in the Dagstuhl library can be accessed at http://www.dagstuhl.de/bibliothek/follow-up-publikationen/.

The organizers of the events are asked to share key, intriguing results with the Center.

If a particular work is the result of a significant contribution made at Dagstuhl, we would appreciate being notified and mention being made of this in subsequent publications.

3.7.   Internet Offerings

In keeping with the Center's philosophy, its Internet offerings are not only available to the guests at Dagstuhl but to netizens throughout the world. Objectives and content:

- *Dissemination of general information* on the Center,
  e.g. concept, program, particulars pertaining to submitting proposals, the Foundation

- *Offering participants travel information on how to get to the Center* (site plan, train and bus schedules, taxi services, etc.)

- *Presenting the Research Library* along with its offerings and resources and enabling research in the Dagstuhl Library catalogue

- *Provision of information on seminars and events* (e.g. seminar objectives, scientists from whom proposals have been accepted, publications)

- Providing a platform for exchanging materials among the seminar participants

The web sever administers content using the Typo3 CMS system (freeware). Apart from static pages — almost all of which are in German and English — dynamic pages are also offered which are generated by the Center's proprietary software. Thus, each seminar has a dynamically generated page of its own featuring links to a motivation text, list of participants, publications, etc. These pages also offer the participants a

platform where they can upload and administer material on the seminar (slides, documents) or their presentation.

3.8. Ambience

The participants typically describe the atmosphere at Schloss Dagstuhl as being surprisingly pleasant and instrumental in promoting valuable work and communication between the guests. Former participants frequently mention fond memories of the pleasant evenings spent in the beautiful rooms of the manor house and making music in the Baroque Music Room.

The leisure activities offered at the Center have been chosen so as to promote communication among the participants.

The Center is engaged in ongoing improvements so as to better fulfill its designated objective. 2008 was marked by three major improvements: the new building was equipped with more powerful air conditioning, thus improving the working conditions in the conference and computer rooms located there. In the garden area behind the old building there used to be a somewhat hidden area that was hard to maintain and little used on account of its soggy nature. In autumn of 2008 this area was transformed into a decked terrace area, which will be used for the first time in spring of 2009.

These two pictures show the transformation of this area from a non-descript soggy corner into an inviting terrace.

3.9.   Art

"Dagstuhl Gallery"

Exhibits of artists are regularly organized in the cloister of the new building. The spacious surroundings and excellent lighting provide for striking contrasts between day and night, thus offering the artists an excellent venue to exhibit their work. Compliments are frequently heard concerning the fascinating atmosphere created by the art offerings. They provide an intriguing juxtaposition to the otherwise "ascetic" nature of the new building.

The following exhibits were organized in 2008:

30.9. – 12.12.2008.

«belichtet» (double entendre "exposed/illuminated"), Karola Perrot

22.07.2008 – 26.09.2008.

Zwei Wege ("Two Paths"). Hans and Renate Ortner

13.05.2008 – 16.07.2008

Works of students of Prof. Sigurd Rompza's Studio at the College of Fine Arts of Saarland (in Saarbrücken)

19.02. – 11.04.2008

Farben – Fotographie ("Colors — Photography"), Werner Rauber

For artist's profiles, portfolios, concepts of the individual exhibits, please refer to http://www.dagstuhl.de/ueber-dagstuhl/kunst/

Purchasing of art through donations

Dagstuhl's website contains a page featuring an Internet gallery enabling participants, individuals, and groups to make contributions to Dagstuhl for art donations. The works of art are featured on the Internet, with donations being made by acquiring shares. As soon as a painting is fully subscribed for, the donors are asked to pay in the value of the shares subscribed by them, this enabling the art item to be purchased. This procedure provides an incentive for the donors as they are not only mentioned in Dagstuhl's Internet gallery but are also mentioned on the art item itself. It is also beneficial to the Center as the Center is able to purchase works of art from the artists arranging exhibits there.

For more information see: http://www.dagstuhl.de/ueber-dagstuhl/kunst/

We would like to take this opportunity to thank all those who have made art donations.

Annex

1 Dagstuhl Bodies

(Status: February 2009)

Supervisory Board

Representatives of the Associates:

Prof. Dr. Stephan Diehl, University of Trier
　　Representative of the University of Trier

Dr. Peter Federer, Gesellschaft für Informatik e.V. (GI, or German
　　Informatics Society), Bonn
　　GI representative

Prof. Dr.-Ing. Dr. H.c. Theo Härder, Technical University of Kaiserslautern
　　Representative of the Technical University of Kaiserslautern

Prof. Dr. Stefan Jähnichen, TU Berlin, Fraunhofer FIRST
　　GI representative

Prof. Dr. phil. habil. Volker Linneweber, University of Saarland
　　Representative of Saarland University

Prof. Dr. Manfred Schmidt-Schauß, University of Frankfurt
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Prof. Dr. Dr. h.c. mult. Heinz G. Schwärtzel, Munich; *Chairman*
　　GI representative

Prof. Dr.-Ing. Roland Vollmar, University of Karlsruhe
　　GI representative

Representatives of the German federal government and states:

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　　Saarbrücken
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Wolfgang Habelitz, Ministry for Education, Science, Youth and Cultural
　　Affairs, Mainz
　　Representative of Rhineland-Palatinate

Dr. Rainer Jansen, German Federal Ministry of Education and Research,
　　Bonn
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Scientific Directorate

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GI representative (GI Advisory Board of University Professors)

Prof. Dr. Karsten Berns, Technical University of Kaiserslautern
Representative of the Technical University of Kaiserslautern

Prof. Dr. Stefan Diehl, University of Trier
Representative of the University of Trier

Prof. Dr. Claudia Eckert, Technical University of Darmstadt
Representative of the Technical University of Darmstadt

Prof. Dr. Hannes Hartenstein, University of Karlsruhe (TH)
Representative of the University of Karlsruhe (TH)

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Representative of the University of Frankfurt

Prof. Dr. Frank Leymann, University of Stuttgart
Representative of the University of Stuttgart

Prof. Dr. Ernst W. Mayr, Technical University of Munich
GI representative (Executive Board)

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INRIA Representative

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GI representative (Executive Board)

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Representative of CWI Amsterdam

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GI representative (GI Advisory Board of University Professors)

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Max Planck Society representative

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Scientific Director
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Dr. Volker Tresp, Siemens AG, CT IC 4, Munich

2.1 Dagstuhl Seminars and Perspectives Workshops

**For more information on the individual seminars, please refer to
http://www.dagstuhl.de/<SeminarNo.>**

08021, 06.01.2008 – 11.01.2008
Numerical Validation in Current Hardware Architectures
W. Luther (Univ. of Duisburg-Essen, DE), A. Cuyt (Univ. of Antwerp, BE), W. Krämer
(BU Wuppertal, DE), P. Markstein (HP Labs, Palo Alto, CA, USA)

08031, 13.01.2008 – 18.01.2008
Software Engineering for Self-Adaptive Systems
Betty H. C. Cheng (Michigan State Univ., USA), Holger Giese (Univ. of Paderborn,
DE), Paola Inverardi (Univ. of L'Aquila, IT), Jeff Magee (Imperial College London, UK),
Rogerio de Lemos (Univ. of Kent, UK)

08041, 20.01.2008 – 25.01.2008
Recurrent Neural Networks — Models, Capacities, and Applications
Luc De Raedt (Univ. of Freiburg, DE), Barbara Hammer (TU Clausthal, DE), Pascal
Hitzler (Univ. of Karlsruhe, DE), Wolfgang Maass (TU Graz, AT)

08042, 20.01.2008 – 23.01.2008
Theory and Practice of Argumentation Systems
Jürgen Dix (TU Clausthal, DE), Simon DE. Parsons (Brooklyn College, USA), Henry
Prakken (Utrecht Univ., NL), Guillermo Simari (Universidad Nacional del Sur, Bahia
Blanca, AR)

08043, 23.01.2008 – 26.01.2008
Telecommunication Economics
Burkhard Stiller (Univ. of Zurich, CH)

08051, 27.01.2008 – 01.02.2008
Theory of Evolutionary Algorithms
Dirk V. Arnold (Dalhousie Univ., CDN), Anne Auger (INRIA Futurs – Paris, FR),
Carsten Witt (Univ. of Dortmund, DE), Jonathan E. Rowe (Univ. of Birmingham, UK)

08061, 03.02.2008 – 08.02.2008
Types, Logics and Semantics for State
Amal Ahmed (Toyota Technological Inst. – Chicago, IL, USA), Nick Benton (Microsoft
Research, UK), Martin Hofmann (Univ. of Munich, DE), Greg Morrisett (Harvard Univ.,
USA)

08071, 10.02.2008 – 15.02.2008
Scheduling
Jane W. S. Liu (Academica Sinica, Taipei, TW), Rolf H. Möhring (TU Berlin, DE), Kirk
Pruhs (Univ. of Pittsburgh, USA)

08081, 17.02.2008 – 22.02.2008
Data Structures
Lars Arge (BRICS, Aarhus, DK), Robert Sedgewick (Princeton Univ., USA), Raimund
Seidel (Saarland Univ., DE)

08091, 24.02.2008 – 29.02.2008
Logic and Probability for Scene Interpretation
B. Neumann (Hamburg Univ., DE), T. Cohn (Leeds Univ., UK), D. Hogg (Leeds Univ.,
UK), R. Möller (TU Hamburg-Harburg, DE)

08101, 02.03.2008 – 07.03.2008
Computational Proteomics
Ch. Huber (Saarland Univ., DE), O. Kohlbacher (Univ. of Tübingen, DE), M. Linial (Hebrew Univ., Jerusalem, IL), K. Marcus (Ruhr-Univ. Bochum, DE), K. Reinert (FU Berlin, DE)

08102, 02.03.2008 – 06.03.2008
Network Attack Detection and Defense
Georg Carle (Univ. of Tübingen, DE), Falko Dressler (Univ. of Erlangen, DE), Richard Kemmerer (Univ. of California at Santa Barbara, USA), Christopher Kruegel (TU Vienna, AT), Hartmut König (BTU Cottbus, DE)

08111, 09.03.2008 – 14.03.2008
Ranked XML Querying
S. Amer-Yahia (Yahoo Research New York, USA), D. Srivastava (AT&T Florham Park, USA), G. Weikum (MPI Saarbrücken, DE)

08131, 24.03.2008 – 28.03.2008
Ontologies and Text Mining for Life Sciences
D. Rebholz-Schuhmann (EBI Cambridge, UK), U. Leser (HU Berlin, DE), M. Ashburner (Univ. of Cambridge, UK)

08141, 30.03.2008 – 04.04.2008
Organic Computing
Kirstie Bellman (Aerospace Corp., Los Angeles, CA, USA), Mike Hinchey (NASA, Greenbelt, MD, USA), Christian Müller-Schloer (Univ. of Hannover, DE), Hartmut Schmeck (Univ. of Karlsruhe, DE), Rolf Würtz (Ruhr-Univ. of Bochum, DE)

08142, 02.04.2008 – 05.04.2008
Combining the Advantages of Product Lines and Open Source
Frank van der Linden (Philips Medical, Best, NL), Jesús Bermejo (Telvent, Sevilla, ES), Björn Lundell (Univ. of Skövde, SE)

08161, 13.04.2008 – 18.04.2008
Scalable Program Analysis
Florian Martin (AbsInt, Saarbrücken, DE), Hanne Riis Nielson (DTU Lyngby, DK), Claudio Riva (Nokia Helsinki, FIN), Markus Schordan (TU Vienna, AT)

08171, 20.04.2008 – 25.04.2008
Beyond the Finite: New Challenges in Verification and Semistructured Data
Anca Muscholl (LaBRI, Bordeaux, FR), Ramaswamy Ramanujam (IMSc, Chennai, IND), Michaël Rusinowitch (INRIA Lorraine, FR), Thomas Schwentick (Univ. of Dortmund, DE), Victor Vianu (UC San Diego, USA)

08181, 27.04.2008 – 30.04.2008
The Evolution of Conceptual Modeling
Lois Delcambre (Portland State Univ., USA), Roland H. Kaschek (Massey Univ., NZ), Heinrich C. Mayr (Univ. of Klagenfurt, AT)

08191, 04.05.2008 – 09.05.2008
Graph Drawing with Applications to Bioinformatics and Social Sciences
Steve Borgatti (Boston College, USA), Stephen Kobourov (Univ. of Arizona, USA), Oliver Kohlbacher (Univ. of Tübingen, DE), Petra Mutzel (Univ. of Dortmund, DE)

08201, 11.05.2008 – 16.05.2008
Design and Analysis of Randomized and Approximation Algorithms
M. E. Dyer (Univ. of Leeds, UK), M. Jerrum (Univ. of London, UK), M. Karpinski (Univ. of Bonn, DE)

08221, 25.05.2008 – 30.05.2008
Geometric Modeling
Gerald Farin (ASU, Tempe, AZ, USA), Stefanie Hahmann (LMC-IMAG, Grenoble, FR), Jörg Peters (Univ. of Florida, USA), Wenping Wang (Univ. of Hong Kong, HK)

08231, 01.06.2008 – 06.06.2008
Virtual Realities
Guido Brunnett (TU Chemnitz, DE), Sabine Coquillart (INRIA Rhône-Alpes, FR), Greg Welch (Univ. of North Carolina, Chapel Hill, NC, USA)

08241, 08.06.2008 – 13.06.2008
Transactional Memory
Christof Fetzer (TU Dresden, DE), Tim Harris (Microsoft Research, Cambridge, UK), Maurice Herlihy (Brown Univ., USA), Nir Shavit (Tel Aviv Univ., IL)

08242, 08.06.2008 – 11.06.2008
End-to-End Protocols for the Future Internet
Jari Arkko (Ericsson, Jorvas, FIN), Robert Briscoe (British Telecom, Suffolk, UK), Lars Eggert (NOKIA Research Center, Helsinki, FIN), Anja Feldmann (Deutsche Telekom Laboratories, Berlin, DE), Mark Handley (University College London, UK)

08251, 15.06.2008 – 20.06.2008
Contextual and Social Media Understanding and Usage
Susanne Boll (Univ. of Oldenburg, DE), Mohan Kankanhalli (National Univ. of Singapore, SGP), Gopal Pingali (IBM TJ Watson Research Center, Hawthorne, USA), Svetha Venkatesh (Curtin Univ. of Tech., Perth, AUS)

08261, 22.06.2008 – 27.06.2008
Structure-Based Compression of Complex Massive Data
Stefan Böttcher (Univ. of Paderborn, DE), Markus Lohrey (Univ. of Stuttgart, DE), Sebastian Maneth (Univ. of New South Wales, AUS), Wojciech Ryter (Univ. of Warsaw, PL)

08271, 29.06.2008 – 04.07.2008
Topological and Game-Theoretic Aspects of Infinite Computations
Peter Hertling (Univ. der Bundeswehr, Neubiberg, DE), Victor Selivanov (Pedagogical Univ., Novosibirsk, RUS), Wolfgang Thomas, (RWTH Aachen, DE), Bill Wadge (Univ. of Victoria, CDN), Klaus Wagner (Univ. of Würzburg, DE)

08281, 06.07.2008 – 11.07.2008
Software Engineering for Tailor-made Data Management
Sven Apel (Univ. of Passau, DE), Don Batory (Univ. of Texas at Austin, USA), Goetz Graefe (Microsoft Research, USA),Gunter Saake (Univ. of Magdeburg, DE), Olaf Spinczyk (Univ. of Erlangen, DE)

08291, 13.07.2008 – 18.07.2008
Statistical and Geometrical Approaches to Visual Motion Analysis
Daniel Cremers (Univ. of Bonn, DE), Bodo Rosenhahn (Max Planck Institute for Informatics, Saarbrücken, DE), Alan Yuille (Univ. of California at Los Angeles, USA)

08292, 13.07.2008 – 16.07.2008
The Study of Visual Aesthetics in Human-Computer Interaction
Marc Hassenzahl (Univ. of Koblenz/Landau, DE), Gitte Lindgaard (Carleton Univ., Ottawa, CND), Axel Platz (Siemens, Munich, DE), Noam Tractinsky (Ben Gurion Univ., IL)

08301, 20.07.2008 – 25.07.2008
Group Testing in the Life Sciences
Alexander Schliep (MPI for Molecular >Genetics, DE), Nicolas Thierry-Mieg (TIMC-IMAG, FR), Amin Shokrollahi (EPFL Lausanne, CH)

08302, 20.07.2008 – 25.07.2008
Countering Insider Threats
Matt Bishop (Univ. of California at Davis, USA), Dieter Gollmann (TU Hamburg-Harburg, DE), Jeffrey Hunker (CMU, Pittsburgh, PA, USA), Christian W. Probst (Technical Univ. of Denmark, DK)

08331, 10.08.2008 – 13.08.2008
Model Engineering of Complex Systems (MECS)
Uwe Assmann (TU Dresden, DE), Jean Bézivin (Université de Nantes, FR), Richard Paige (Univ. of York, UK), Bernhard Rumpe (TU Braunschweig, DE), Douglas C. Schmidt (Vanderbilt Univ., USA)

08332, 10.08.2008 – 14.08.2008
Distributed Verification and Grid Computing
H. Bal (FU Amsterdam, NL), L. Brim (Masaryk Univ. of Brno, CZ), M. Leucker (TU Munich, DE)

08341, 17.08.2008 – 22.08.2008
Sublinear Algorithms
Artur Czumaj (Univ. of Warwick, UK), S. Muthu Muthukrishnan (Google Inc., New York, NY, USA), Ronitt Rubinfeld (MIT, Cambridge, MA, USA), Christian Sohler (Univ. of Paderborn, DE)

08351, 24.08.2008 – 29.08.2008
Evolutionary Test Generation
Holger Schlingloff (Fraunhofer Institut, Berlin, DE), Tanja Vos (Univ. Politèc. de Valencia, ES), Joachim Wegener (Berner & Mattner Systemtechnik, Berlin, DE))

08361, 31.08.2008 – 05.09.2008
Programming Multi-Agent Systems
Rafael Bordini (Univ. of Durham, UK), Mehdi Dastani (Utrecht Univ., NL), Jürgen Dix (TU Clausthal, DE), Amal El Fallah-Seghrouchni (Université Paris VI, FR)

08371, 07.09.2008 – 10.09.2008
Fault-Tolerant Distributed Algorithms on VLSI Chips
Bernadette Charron-Bost (Ecole Polytechnique, Palaiseau, FR), Shlomi Dolev (Ben Gurion Univ., IL), Jo Ebergen (Sun Microsystems, Menlo Park, CA, USA), Ulrich Schmid (TU Vienna, AT)

08372, 07.09.2008 – 10.09.2008
Computer Science in Sport
Arnold Baca (Univ. of Vienna, AT), Martin Lames (Univ. of Augsburg, DE), Keith Lyons (Australian Institute of Sport, Bruce, AUS), Bernhard Nebel (Univ. of Freiburg, DE), Josef Wiemeyer (TU Darmstadt, DE)

08381, 14.09.2008 – 19.09.2008
Computational Complexity of Discrete Problems
Peter Bro Miltersen (Univ. of Aarhus, DK), Rüdiger Reischuk (Univ. of Lübeck, DE),
Georg Schnitger (Univ. of Frankfurt, DE), Dieter van Melkebeek (Univ. of Wisconsin,
Madison, USA)

08391, 21.09.2008 – 26.09.2008
Social Web Communities
H. Alani (Univ. of Southhampton, UK), St. Staab (Univ. of Koblenz, DE), G. Stumme
(Univ. of Kassel, DE)

08393, 24.09.2008 – 27.09.2008
Virtual Games, Interactive Hosted Services and User-Generated Content in Web 2.0
Thomas Hoeren (Univ. of Münster, DE), R.K. Murti Poolla (Univ. of Hyderabad, IN),
Gottfried Vossen (Univ. of Münster, DE)

08412, 08.10.2008 – 11.10.2008
Science of Design
Matthias Jarke (RWTH Aachen, DE), Kalle Lyytinen (Univ. of Jyväskylä, FIN), John
Mylopoulos (Univ. of Toronto, CDN)

08421, 12.10.2008 – 17.10.2008
Uncertainty Management in Information Systems
Ch. Koch (Cornell Univ., USA), Birgitta König-Ries (Univ. of Jena, DE), Volker Markl
(IBM Almaden Center, San José, CA, USA), Maurice van Keulen (Univ. of Twente, NL)

08431, 19.10.2008 – 24.10.2008
Moderately Exponential Time Algorithms
Fedor V. Fomin (Univ. of Bergen, Norway), Kazuo Iwama (Kyoto Univ., Japan), Dieter
Kratsch (Université Paul Verlaine, Metz, FR)

08441, 26.10.2008 – 31.10.2008
Emerging Uses and Paradigms for Dynamic Binary Translation
Bruce R. Childers (Univ. of Pittsburgh, USA), Jack Davidson (Univ. of Virginia, USA),
Koen De Bosschere (Ghent Univ., Belgium), Mary Lou Soffa (Univ. of Virginia, USA)

08451, 02.11.2008 – 07.11.2008
Representation, Analysis and Visualization of Moving Objects
Wolfgang Bitterlich (ESRI, Inc. Redlands, USA), Jörg-Rüdiger Sack (Carleton Univ.,
Ottawa, CDN), Monika Sester (Univ. of Hannover, DE), Robert Weibel (Univ. of Zurich,
CH)

08461, 09.11.2008 – 14.11.2008
Planning in Multiagent Systems
Jürgen Dix (TU Clausthal, DE), Edmund Durfee (Univ. of Michigan, USA), Cees
Witteveen (Delft Univ. of Technology, NL)

08471, 16.11.2008 – 21.11.2008
Geographic Privacy-Aware Knowledge Discovery and Delivery
Bart Kuijpers (Hasselt Univ., Diepenbeek, BE), Dino Pedreschi (Università di Pisa, IT),
Yucel Saygin (Sabanci Univ., Istanbul, TR), Stefano Spaccapietra (EPFL, Lausanne,
CH)

08491, 30.11.2008 – 05.12.2008
Theoretical Foundations of Practical Information Security
Ran Canetti (Tel Aviv Univ.), Shafi Goldwasser (MIT, Cambridge, MA, USA), Günter
Müller (Univ. of Freiburg, DE), Rainer Steinwandt (Florida Atlantic Univ., USA)

08492, 30.11.2008 – 05.12.2008
Structured Decompositions and Efficient Algorithms
Stephan Dahlke (Univ. of Marburg, DE), Ingrid Daubechies (Princeton Univ., USA),
Michael Elad (Technion, Haifa, IL), Gitta Kutyniok (Stanford Univ., USA), Gerd
Teschke (Univ. of Applied Sciences, Neubrandenburg, DE)

Seminar program 2009–2010: http://www.dagstuhl.de/programm

2.2 GI-Dagstuhl Research Seminars

08163, 15.04.2008 – 18.04.2008
Modeling Techniques for Computer Network Simulations
James Gross (RWTH Aachen, DE), Mesut Günes TU Berlin, DE), Klaus Wehrle
(RWTH Aachen, DE)

2.3 Continuing Education/CPE

08113, 12.03.2008 – 14.03.2008
Summer School "Protocols and Security for Wireless Sensor Actuator Networks"
A. Kuntz (Univ. Karlsruhe, DE)

08223, 27.05.2008 – 30.05.2008
DIA-Seminar: Konstruktionstechniken und Architektur für hochwertige Software
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin)

08392, 21.09.2008 – 24.09.2008
Workshop Wissenschaftsjournalismus
Roswitha Bardohl (Schloss Dagstuhl, DE), Jörg Göpfert (Berlin, DE), Winfried Göpfert
(FU Berlin – Wissenschaftsjournalismus, DE), Friederike Meyer zu Tittingdorf
(Kompetenzzentrum für Informatik, DE)

08402, 28.09.2008 – 02.10.2008
Herbstschule Information Retrieval 2008
Norbert Fuhr (Univ. Duisburg, DE), Andreas Henrich (Univ. Bamberg, DE)

08443, 28.10.2008 – 31.10.2008
DIA-Seminar: Konstruktionstechniken und Architektur für hochwertige Software
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin)

08503, 10.12.2008 – 12.12.2008
Lehrerfortbildung in Informatik
Heinz Dabrock (Landesinstitut für Pädagogik und Medien, DE), Reinhard Wilhelm
(Univ. des Saarlandes, DE)

Current list: http://www.dagstuhl.de/programm

2.4 Other Events

**For more information on the individual events, please refer to
http://www.dagstuhl.de/Programm/**

08022, 07.01.2008 – 12.01.2008
International Project Meeting "Component Technology for Embedded Systems"
S. Kramer (BOSCH, Stuttgart, DE)

08032, 13.01.2008 – 17.01.2008
OTEC Retreat Meeting
P. Sloep (Open Univ., Heerlen, NL)

08033, 17.01.2008 – 18.01.2008
Studienreise der Wissenschaftspressekonfrenz
R. Bardohl (Schloss Dagstuhl, Wadern, DE), F. Meyer zu Tittingdorf (Univ. d. Saarlandes, DE)

08044, 23.01.2008 – 25.01.2008
Project Meeting "Pathfinder"
P. Boncz, CWI Amsterdam, NL

08063, 08.02.2008 – 09.02.2008
ENCASA 2008
Reinhard Wilhelm (Univ. des Saarlandes, DE)

08082, 18.02.2008 – 22.02.2008
PORTOFINO: Creation and Fusion of Semantically Enriched Multimedia Content
R. Bergmann (Univ. of Trier, DE)

08092, 24.02.2008 – 29.02.2008
Klausurtagung Arbeitsgruppe Reussner
Ralf Reussner (Univ. Karlsruhe, DE)

08112, 10.03.2008 – 12.03.2008
Klausurtagung Telematik Universität Karlsruhe
Th. Gamer, (Univ. Karlsruhe, DE), M. Zitterbart (Univ. Karlsruhe, DE)

08122, 16.03.2008 – 19.03.2008
GIBU 2008: GI-Beirat der Universitätsprofessoren
B. Becker (Univ. Freiburg, DE)

08133, 27.03.2008 – 28.03.2008
Bildungstechnologien & -prozesse in der Hochschulentwicklung
G. Degel (VISU Saarbrücken, DE)

08152, 07.04.2008 – 09.04.2008
Modellbasierte Entwicklung eingebetteter Systeme (MBEES)
B. Schätz (TU München, DE)

08153, 06.04.2008 – 10.04.2008
ViroLab Integration Meeting
Matthias Assel (Univ. of Stuttgart, DE)

08173, 23.04.2008 – 25.04.2008
Klausurtagung Arbeitsgruppe Zeller
Andreas Zeller (Univ. des Saarlandes, DE)

08182, 27.04.2008 – 29.04.2008
Kolloquium zum GI Dissertationspreis 2008
D. Wagner (Univ. Karlsruhe, DE)

08193, 07.05.2008 – 08.05.2008
Projektmeeting "ZEUS"
E. Blaß (Univ. Karlsruhe, DE), H. Wilke (Univ. Karlsruhe, DE)

08212, 18.05.2008 – 21.05.2008
Gemeinsamer Workshop der Informatik Graduiertenkollegs
Roland Meyer (Univ. Oldenburg, DE)

08232, 02.06.2008 – 04.06.2008
Klausurtagung "BW-FIT Projekt SpoVNet"
M. Zitterbart (Univ. Karlsruhe, DE), O. Waldhorst (Univ. Karlsruhe, DE)

08253, 18.06.2008 – 20.06.2008
Security Hardware in Theory and Practice
A.-R. Sadeghi (Univ. of Bochum, DE)

08272, 30.06.2008 – 02.07.2008
Klausurtagung Lehrstuhl Felix Freiling
F. Freiling, Univ. Mannheim, DE

08273, 02.07.2008 – 04.07.2008
Arbeitstreffen AG Prof. Ungerer
Theo Ungerer, Univ. Augsburg, DE

08342, 18.08.2008 – 19.08.2008
Klausursitzung Informatik Saarbrücken
Erich Reindel (Univ. des Saarlandes, DE)

08343, 20.08.2008 – 22.08.2008
Klausurtagung Lehrstuhl Steffen Staab
Steffen Staab (Univ. Koblenz-Landau, DE)

08352, 26.08.2008 – 29.08.2008
Benchmarking of Future Content Distribution
Andreas Mauthe (Lancaster Univ. UK), Thomas. Plagemann (Univ. of Oslo, NO),
Ralf Steinmetz (TU Darmstadt, DE)

08362, 31.08.2008 – 05.09.2008
Klausurtagung IPD Reussner
R. Reussner (Univ. Karlsruhe, DE)

08373, 10.09.2008 – 12.09.2008
Klausurtagung Lehrstuhl Rudi Studer
R. Studer (Univ. Karlsruhe, DE)

08374, 10.09.2008 – 12.09.2008
Klausurtagung Lehrstuhl Heiko Mantel
H. Mantel, (TU Darmstadt, DE)

08375, 10.09.2008 – 11.09.2008
Doktorandenseminar „Wissenschaftliches Vortragen für Informatiker"
Stephan Diehl (Univ. Trier, DE)

08376, 07.09.2008 – 10.09.2008
Regelbasierte Agentensysteme
K.-H. Krempels (RWTH Aachen, DE)

08383, 17.09.2008 – 19.09.2008
Network Virtualization for the Future Internet
Cedric Westpfal, DoCoMo Labs, Palo Alto, CA, USA

08403, 01.10.2008 – 02.10.2008
Retreat der FR Informatik, Saarland University
Thomas In der Rieden (DFKI Saarbrücken, DE)

08413, 05.10.2008 – 10.10.2008
OTEC Retreat Meeting
R. Koper, Open Univ. of Heerlen, The Netherlands

08414, 08.10.2008 – 11.10.2008
Lehrstuhltreffen Schmeck
H. Schmeck, Univ. Karlsruhe, DE

08422, 12.10.2008 – 15.10.2008
Klausurtagung Lehrstuhl Joachim Denzler
Joachim Denzler (Univ. Jena, DE), Michael Koch (Univ. Jena, DE)

08423, 15.10.2008 – 17.10.2008
Lehrstuhltreffen Hanebeck
U. Hanebeck (Univ. Karlsruhe, DE), M. Baum (Univ. Karlsruhe, DE)

08444, 30.10.2008 – 31.10.2008
EUSJA Workshop
R. Maier (Monitor, Vienna, AT)

08452, 02.11.2008 – 14.11.2008
The Data Documentation Initiative [DDI] XML Standard
A. Gregory (Open Data Foundation, Tucson, USA), W. Thomas (Univ. of Minnesota, USA), J. Wackerow (GESIS, Mannheim, DE)

08482, 23.11.2008 – 25.11.2008
Kickoff-Meeting des BMBF-Projektes "G-Lab"
Ph. Tran-Gia, M. Menth, R. Pries (Universität Würzburg, DE)

08483, 26.11.2008 – 27.11.2008
Kennenlerntreff MPI
Michael Sagraloff (MPI Saarbrücken, DE)

08484, 24.11.2008 – 25.11.2008
Arbeitstreffen AG Prof. Klaus Schneider
K. Schneider (TU Kaiserslautern, DE)

08502, 07.12.2008 – 10.12.2008
DFG-SPP "Scalable Visual Analytics"
Thomas Ertl (Univ. of Stuttgart, DE), Daniel A. Keim (Univ. of Konstanz, DE), Helge Ritter (Univ. of Bielefeld, DE), Gerhard Weikum (MPI für Informatik, Saarbrücken, DE), Stefan Wrobel (Fraunhofer IAIS, St. Augustin, DE)

08504, 08.12.2008 – 11.12.2008
Regelbasierte Agentensysteme
Karl-Heinz Krempels (RWTH Aachen, DE)

08505, 11.12.2008 – 12.12.2008
Klausurtagung "AG Weidenbach"
Christoph Weidenbach (MPI für Informatik, Saarbrücken, DE)

08512, 14.12.2008 – 18.12.2008
Evaluation Initiative for XML Document Retrieval
Norbert Fuhr (Univ. of Duisburg-Essen, DE)

Current list: http://www.dagstuhl.de/programm

3   Dagstuhl Guests: Statistics
Breakdown According to Country of Origin in 2008

Chart: see page 20

Country	A	B	C
Germany	**574**	**893**	**1467**
Belgium	27	4	31
Denmark	19	3	22
Finland	14	8	22
France	112	14	126
Greece	14	1	15
United Kingdom	174	21	195
Ireland	13	0	13
Italy	47	6	53
Netherlands	75	59	134
Norway	15	9	24
Austria	44	9	53
Poland	9	10	19
Sweden	19	3	22
Switzerland	48	7	55
Slovenia	7	1	8
Spain	22	4	26
Czech Republic	8	0	8
Europe, others	13	8	21
Europe excl. Germany	**680**	**167**	**847**

Country	A	B	C
Canada	64	6	70
USA	314	41	355
North America	**378**	**47**	**425**
Japan	19	3	22
India	9	0	9
Asia, others	20	2	22
Asia	**48**	**5**	**53**
Israel	61	4	65
Australia	19	4	23
Brazil	11	0	11
New Zealand	10	1	11
others	30	10	40
Rest of world	**131**	**19**	**150**
Total	**1.811**	**1.131**	**2.942**

A   Seminar participants

B   Participants of other events

C   Total guests

4   Comments of Seminar Participants

Passages from the forewords of the Seminar Proceedings and from letters.

08051: Theory of Evolutionary Algorithms (27.01. – 01.02.08)
Dagstuhl Seminar Proceedings

Besides the presentations, and as at past Dagstuhl seminars on "Theory of Evolutionary Algorithms", fruitful and stimulating discussions among varying groups of participants occurred throughout the week. The Dagstuhl seminars are firmly established in the community as a biannual event, and we hope to be able to build on this success and continue to promote discussions between researchers in different areas of EA theory at further workshops in the future.

08061: Types, Logics and Semantics for State (03.02. – 08.02.08)
Dagstuhl Seminar Proceedings

The organizers and participants thank the staff and management of Schloss Dagstuhl for their assistance and support in the arrangement of a very successful meeting.

08091: Logic and Probability for Scene Interpretation (24.02. – 29.02.08)
Dagstuhl Seminar Proceedings

Thanks to the professional and friendly people of the Dagstuhl organisation! Many of the participants hope to convene again in Dagstuhl for discussions of a similar topic.

08161: Scalable Program Analysis (13.04. – 18.04.08)
Dagstuhl Seminar Proceedings

The Dagstuhl seminar on "Scalable Program Analysis" was a tremendous success with many fruitful discussions and new questions being raised. Several connections between industry and academia were formed and showed all signs that they will find their continuation after the seminar. The seminar also showed that program analysis and the question about scalability is cross-cutting many different communities. This was also reflected by the diversity of the techniques presented in talks and the tools as well. The cooperation of industry and academia, as being encouraged by many funding programs these days, will further help both sides, to focus on new methods for addressing, characterizing, and comparing scalability.

08171: Beyond the Finite: New Challenges in Verification and Semistructured Data (20.04. – 25.04.08)
Dagstuhl Seminar Proceedings

The Dagstuhl setting, with its unique atmosphere of a castle set in an idyllic scene, backed by excellent organization and amenities, provided just the right tone for the seminar, allowing participants to focus on research interaction. With a mix of experienced and young researchers taking active part, the seminar will lead to new collaborations and applications of infinite-state systems benefiting both the verification and database areas.

08241: Transactional Memory (08.06. – 13.06.08)
Prof. Dr. Nir Shavit, Tel Aviv University

I did not fill out the survey but wanted to say that I had a wonderful and informative time, and that as both a participant and an organizer, the staff of Dagstuhl was FANTASTIC.

08251: Contextual and Social Media Understanding and Usage (15.06. – 20.06.08)
Prof. Dr.Susanne Boll, Univ. of Oldenburg, Prof. Mohan S. Kankanhalli, National University of Singapore, Prof. Dr. Gopal Pingali, IBM TJ Watson Research Center – Hawthorne, Prof. Svetha Venkatesh, Curtin Univ. of Tech. – Perth

Your organization and service laid an excellent ground for the highly interactive and open atmosphere of our seminar. We would like you very much for such a great support and help for even the slightest wish we had.

08302: Countering Insider Threats (20.07. – 25.07.08)
Dagstuhl Seminar Proceedings

As stated above we believe that the week in Dagstuhl has been influential in heightening awareness among communities for activities and developments. During the seminar many participants expressed the wish for a community website to establish a central focal point, both for communication between communities, but also to the outside, governmental agencies, and companies. This web portal is currently under construction.

08302: Countering Insider Threats (20.07. – 25.07.08)
Dagstuhl Seminar Proceedings

We would like to thank all participants of the seminar for making it a fruitful and inspiring event---and especially Dagstuhl's wonderful staff, for their endless efforts, both before and during the seminar, to make the stay in Dagstuhl as successful as possible.

08331: Model Engineering of Complex Systems (MECS) (10.08. – 13.08.08)
Prof. Dr. Uwe Aßmann, Technische Univ. of Dresden

Trotz der heterogenen Zusammensetzung, der knappen Zeit, und des sehr dynamisch umgeplanten Programms haben doch viele sehr positive Kommentare gegeben, und wahrscheinlich wird es ein "Roadmap"-Dokument für ModelEngineering geben. Also, nochmal dankeschön

08332: Distributed Verification and Grid Computing (10.08. – 14.08.08)
Dagstuhl Seminar Proceedings

The friendly atmosphere stimulated collaborations among the different communities that have already resulted in joint papers.

08341: Sublinear Algorithms (17.08. – 22.08.08)
Dagstuhl Seminar Proceedings

The inspiring atmosphere at Schloss Dagstuhl and the great working and living

environment as well as interesting talks and many discussions between researchers contributed a very successful workshop.

08361: Programming Multi-Agent Systems (31.08. – 05.09.08)
Dagstuhl Seminar Proceedings

In summary, it is our impression that the participants enjoyed the great scientific atmosphere offered by Schloss Dagstuhl, and the technical programme of the seminar. We are grateful for having had the opportunity to organise this fruitful seminar, especially because it was another Dagstuhl seminar which helped us, six years ago, to start an outstanding international cooperation in the domain of Multi-Agent Programming (see references). Special thanks are due to the whole Dagstuhl staff for their assistance in the organisation and the running of the seminar

08391: Social Web Communities (21.09. – 26.09.08)
Prof. Dr. Thomas Hoeren, Westfälische Wilhems-Universität

ich möchte mich nach dem Abschluss unseres Workshops in Dagstuhl herzlichst bei Ihnen und Ihren Mitarbeitern für die vorzügliche Betreuung und die einzigartige Atmosphäre in Ihrem Hause bedanken. Beides hat entscheidend dazu beigetragen, dass wir einen trotz der etwas geringen Teilnehmerzahl erfolgreichen Workshop erleben durften. Insbesondere war es sehr lohnenswert, mit der anderen Konferenzgruppe zusammen einen ganzen Nachmittag über Rechtsfragen des Web 2.0 diskutieren zu können. Herr Vossen und ich werden jetzt an die Erstellung des Manifests gehen, das noch einmal die wesentlichen Entwicklungslinien zusammenfasst und auch konkrete Fragestellungen beinhalten wird, die eine gewisse Breitenwirkung für die regulatorische Entwicklung des Web 2.0 haben werden. Weiter haben wir die Idee, Ihre Einladung aufzugreifen und demnächst wieder einen Workshop in Dagstuhl zu der genannten Thematik zu organisieren. Voraussichtlich wird es dabei um das Thema gehen: „The answer to the machine is in the machine – law enhancing technologies and their impact on computer signs and law".

08412: Science of Design (08.10. – 11.10.08)
Prof. Dr. Matthias Jarke, RWTH Aachen

We – organizers and participants – would like to take this opportunity to thank you and all the people in Dagstuhl once again for the excellent and friendly hospitality during our stay in Dagstuhl.

08431: Moderately Exponential Time Algorithms (19.10. – 24.10.08)
Dagstuhl Seminar Proceedings

The warm and encouraging Dagstuhl atmosphere stimulated new research projects. We expect many new research results and collaborations growing from the seeds of this meeting.

08461: Planning in Multiagent Systems (09.11.- 14.11.08)
Dagstuhl Seminar Proceedings

It is our impression that the participants enjoyed the great scientific atmosphere

offered by Schloss Dagstuhl, and the scientific program which offered them ample opportunities for discussion. We are grateful for having had the opportunity to organize this fruitful seminar. Special thanks are due to the whole Dagstuhl staff for their assistance in the organization and the running of the seminar.

08491: Theoretical Foundations of Practical Information Security
(30.11 – 05.12.08) Dagstuhl Seminar Proceedings

The organizers are indebted to all participants for making this Dagstuhl seminar a great success. Moreover, it is our pleasure to thank the team of Schloss Dagstuhl for providing an excellent research environment for this seminar. Their efficient help and endless patience in dealing with requests and deviations from the time schedule is greatly appreciated.

08492: Structured Decompositions and Efficient Algorithms (30.11. – 05.12.08)
Dagstuhl Seminar Proceedings

This seminar was regarded by the participants as a very productive and inspiring meeting. Many intense discussions took place throughout the week, and several new cooperations were initiated. Especially, the interactions between computer scientists and applied mathematicians have been extremely fruitful and will certainly be continued in the future. Also, the major future directions of this research area were manifested and initial steps towards solutions undertaken. Concluding, this seminar can be regarded as a milestone in the development of the new, rapidly evolving research area of Structured Decompositions and Efficient Algorithms. Last, but not least, the success of this seminar is in main parts due to the great scientific atmosphere offered by Schloss Dagstuhl, for which we would like to thank the scientific as well as administrative staff at Schloss Dagstuhl.

08462: The Data Documentation Initative (02.11. – 07.11.08)
Dr. Joachim Wackerow, GESIS – Mannheim

Die hervorragende Infrastruktur und die auf Kommunikation angelegten Räumlichkeiten in Dagstuhl ermöglichten wieder eine effektive und anregende Arbeit. Gruppenarbeit und die Diskussion am Abend ergänzten in einer vielfältigen Weise die Präsentationen im Plenum (die Displays bwz. Beamer in den kleineren Räumen waren sehr hilfreich bei der Gruppenarbeit). Die internationalen Teilnehmer stellten fest, dass Dagstuhl eine hervorragende Einrichtung für diese Art von Arbeiten ist.

5   Schloss Dagstuhl Informatics Center Foundation

Articles of Incorporation

1. The International Conference and Research Center for Computer Science has established a foundation in the form of a special fund. The sole purpose of the Foundation is to promote the Center's objectives as stated in these Articles of Incorporation, in particular by providing funding for the promotion of young scientists, e.g. by offering grants for participation in the seminars organized by the Center, for research stays in Schloss Dagstuhl, or for temporary projects, as well as providing funding for the Center's Informatics Research Library from income generated by the Foundation's assets and from donations and contributions of third parties earmarked for this purpose.

2. The Foundation Committee passes resolutions by common consent concerning matters pertaining to the Foundation, in particular concerning the awarding of funding. The Foundation Committee consists of the Chairman of the Supervisory Board, the Scientific Directorate and the Technical/Administrative Director.

3. The Center's management committee is charged with the task of canvassing for donations and contributions for the purpose of securing the financial prerequisites of the Foundation as specified in sections 1 and 2 above. The Foundation's assets are to amount to no less than € 500,000.

4. The Foundation Committee reports annually to the Associates and the Supervisory Board concerning the appropriation of funds and the status of the Foundation's assets.