SCHLOSS DAGSTUHL

**INTERNATIONAL CONFERENCE
AND RESEARCH CENTER
FOR COMPUTER SCIENCE**

Dagstuhl Annual Report

January – December 2005

2006

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**Hans-Olaf Henkel, President of the Leibniz Association,
visited Dagstuhl on 22 November 2005**

1   The International Conference and Research Center for Computer Science, Schloss Dagstuhl

1.1   Stimulating Exchanges in Relaxed Surroundings

The objective of the International Conference and Research Center for Computer Science at Schloss Dagstuhl is to promote world-class research in informatics, support leading-edge continuing education, and promote the exchange of knowledge and findings between the academic community and industry.

Founded in 1990, 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 researchers and PhD 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 talking one on one or for doing work in the research library or using the Center's computing facilities. The Center has three lecture halls, several conference rooms, computer rooms, a spacious research library and 61 accommodation units — singles for the most part but also a couple of doubles and studio apartments.

Every year Dagstuhl Seminars are booked at the Center for ca. 45 weeks of the year which are attended by ca. 40-50 participants each. Gatherings of smaller workgroups are hosted in parallel to the seminars. The facilities are available for other informatics conferences and events during the weeks when they are not being used for Dagstuhl Seminars. In addition, individuals are accommodated for research stays lasting several weeks in most cases. There is only one condition applicable to all the offerings: They have to be related to informatics.

1.2 In the Heart of Europe

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-Bonn and Kaiserslautern-Trier autobahns, meaning it can be easily reached from Saarbrücken, Trier and Kaiserslautern in less than an hour.

Dagstuhl can be reached by train in two hours from the Frankfurt Airport by virtue of the new express train connection. Visitors traveling to Dagstuhl by train have to get off at Türkismühle or St. Wendel. Upon arriving at the St. Wendel train station, guests can reach Wadern by taking regional Saar-Westpfalz busses. A makeshift stop is offered directly at Schloss Dagstuhl on Sunday afternoons, the time during which most seminar participants arrive.

Dagstuhl can also be reached by flying into the airports of Saarbrücken-Ensheim and Luxembourg. Increasing numbers of guests, particularly those from Italy, fly in via the Frankfurt Hahn Airport (Hunsrück). However, bus connections are available only from Monday to Saturday, meaning using the bus is exceedingly difficult as the seminar participants usually arrive on Sunday.

1.3 Structure of the Center

The International Conference and Research Center for Computer Science is operated by a non-profit organization whose associates are the Gesellschaft for 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. Two internationally renowned research societies were admitted as associates in 2005:

- French National Institute for Research in Informatics and Automatic Control (INRIA), of Rocquencourt, France
- Dutch National Research Institute for Mathematics and Informatics (CWI), of Amsterdam, Netherlands

One institution plans on joining the non-profit organization:

- Max Planck Society (MPG), represented by the Max Planck Institute for Informatics, of Saarbrücken, Germany (abbreviated below as "MPI Saarbrücken")

In February and September of 2002, the Center was evaluated by the *Wissenschaftsrat* (German Science Council) at the request of the two state governments of Saarland and Rhineland Palatinate and recommended for inclusion as a research service institution in the joint research funding of the federal and state governments (Blue List). On 17 November 2003, the

Federal Government–State Commission for Educational Planning and Research Promotion (BLK) passed a resolution for including the Center in the Blue List as of 2005. The joint funding of the Center by the federal and state governments began in 2006.[1]

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.

1.4 Dagstuhl Bodies

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

- 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 economical 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 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 decides whether they are to be approved. It reserves the right to approve the individuals included in the participant group. It makes suggestions 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

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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

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 currently comprised of a total of fourteen members.

The members elect a Scientific Director from their midst. The members and the scientific director hold office for three years. Professor 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 every two years and draft a status report including position paper and recommendations (audit) for the senate of the Leibniz Association.

The Board convenes once a year. It conducted its first evaluation in Dagstuhl on 8 April 2005.

- Industrial Curatory Board

The Industrial Curatory Board performs a transmission 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, the Curatory Board having done this on several occasions in 2005.

The Curatory Board put forth the suggestion for a seminar on "Organic Computing — Controlled Emergence". This suggestion was forwarded to a scientist who joined together with colleagues and submitted a proposal for conducting a Dagstuhl seminar on this topic. This seminar took place from 15-20 January 2006.

1.5 The Dagstuhl Team

A 36-strong team including 3 trainees works under the supervision of the Center's two directors, Prof. Dr. Reinhard Wilhelm (Scientific Director) and Wolfgang Lorenz (Technical Administrative Director). 10 individuals are charged with scholarly and general administrative tasks, 4 administer the

library and IT systems, 22 are charged with housekeeping, cooking and maintenance, with some individuals working in more than one area.

The scientific staff supports the seminar organizers and participants, serves the Scientific Directorate and other bodies, and tends to the publications of the guests. The work of the scientific staff is increasingly coming to be characterized by public relations efforts. In 2005 press releases were prepared for 10 seminars and disseminated via various distribution channels, e.g. Institute of German Certified Accountants (idw). Dr. Roswitha Bardohl's membership in the GI Executive Board resulted in closer collaboration with the GI, in addition to opening up a series of key contacts with the German informatics community.

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:

- Research Library

The Informatics Research Library received regular book donations from the following publishers during 2005:

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

The library also regularly 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 915 volumes during the year under review in the form of donations from publishing houses and seminar participants.

1.7 Schloss Dagstuhl Computer Science Center Foundation

A foundation was organized since the financing regulations imposed on the Center by public funding did not allow for much leeway in the Center's fiscal planning. Thus, it is now possible to react flexibly to unforeseen challenges and support scientists who otherwise have very little in the way of funding.

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. Minimum annual membership fee: €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/04181).

During 2005, one seminar was financed by the EU:

> **EU thematic network of excellence Knowledge Web**: *"Semantic Grid: The Convergence of Technologies"* (05271, 3–8 July 2005), C. Goble (Manchester Univ., UK), C. Kesselman (USC Information Sciences Institute, US), Y. Sure (Univ. of Karlsruhe, DE)

- Corporate donations

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 the 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 are tax-deductible.

For more information, please refer to http://www.dagstuhl.de/Foundation/.

Please refer to Annex 5 for the articles of incorporation of the Schloss Dagstuhl Computer Science Center Foundation.

2 Events at the International Conference and Research Center

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 (2005) through to 2007 is to be found in Annex 2. An up-to-the-minute version is available on the Dagstuhl website. A wide range of topics are covered as depicted in the chart below. (cf. also Annex 2.1)

Emphasis was accorded the following topics during 2005:

- Data Structures, Algorithms, Complexity
- Artificial Intelligence, Robotics
- Software Engineering
- Networks
- Semantics, Specifications

The topics of the approved and proposed seminars for 2006 and 2007 point to the following future trends:

- Software Engineering
- Networks, e.g. Secure Systems and Peer-to-Peer Applications
- Artificial Intelligence, i.e. Robotics
- Data Structures, Algorithms, Complexity

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
  Bioinformatics (1992)
  Metabolic Pathways (1995)
  Computational Proteonics (2005)

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: *Informatics and Economics* and *Informatics and Sports*.

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. The workshops 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 forums 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 15-25 scientists of international standing in their respective fields who cover all subfields and sub-aspects. For the most part, key position papers on the respective topic are presented instead of current research findings. The primary elements of the gatherings are the discussions that take place.

Four Perspectives Workshops were conducted in 2005:

- ***"Multimedia Research — Where do we need to go tomorrow?"***
  1–4 March 2005; S. Boll (University of Oldenburg, DE), T.-S. Chua (National University of Singapore, SG), N. Dimitrova (Philips Labs, Briarcliff Manor, NY, US), R. Jain (Georgia Institute of Technology, US)
- ***"Peer-to-Peer Applications for Ad Hoc Networked Systems"***
  9–12 April 2005; M. Gerla (UCLA, US), C. Lindemann (University of Dortmund, DE), A. Rowstron (Microsoft Research, UK)
- ***"Challenges for Software Engineering Research"***
  5–8 October 2005; M. Broy (TU Munich, DE), M. Jarke (RWTH Aachen, DE), M. Nagl (RWTH Aachen, DE), H.D. Rombach (FhG IESE, Kaiserslautern, DE)

- ***"Perspectives Workshop on Theoretical Informatics"***
  14–16 November 2005; W. Thomas (RWTH Aachen, DE), I. Wegener
  (University of Dortmund, DE)

Comprehensive Perspectives Workshops are conducted in larger intervals which show the entire spectrum of informatics and enable an exchange of ideas between various fields. A Perspectives Workshop entitled ***"Innovation Thanks to Informatics"*** is scheduled for November 2006 on the occasion of the Informatics Year.

2.3 Other Events

Other events are hosted at the Center apart from the Dagstuhl Seminars. In contrast to the Dagstuhl seminars, a fee (in some cases slightly subsidized) covering the costs of the event is charged to the guests of the institution organizing the event. This pertains to the following events:

- Continuing education offerings of the German Informatics Society (GI) and German Informatics Academy (DIA), summer schools, CPD for teachers and instructors
- GI-Dagstuhl research seminars bringing together young scholars for a topic and funded by the German Informatics Society (GI)
- Preparation, expert assessments and conferences of the DFG's collaborative research centers and priority programs
- Departmental conferences of graduate colleges, GI specialist groups and other academic and industrial working groups
- 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. 17 research guests availed themselves of this opportunity in 2005, including a scientist from Estonia who pursued his work at Dagstuhl for 11 weeks.

2.5 Utilization of the Center

91 events with 2,742 guests were featured in 2005, making for ca. 11,000 overnight stays and the highest utilization rate ever. In so doing, the Center's capacity limits have been reached. The Center's capacity was expanded in 2005 by redesignating some rooms and engaging in construction work, thus adding two singles and two doubles to the Center's accommodation quarters. The Dagstuhl Seminars have shown to be most popular among the up to 80 proposals submitted per year. Dates for three-day events are increasingly being offered (Sunday – Wednesday and Thursday – Saturday) and the
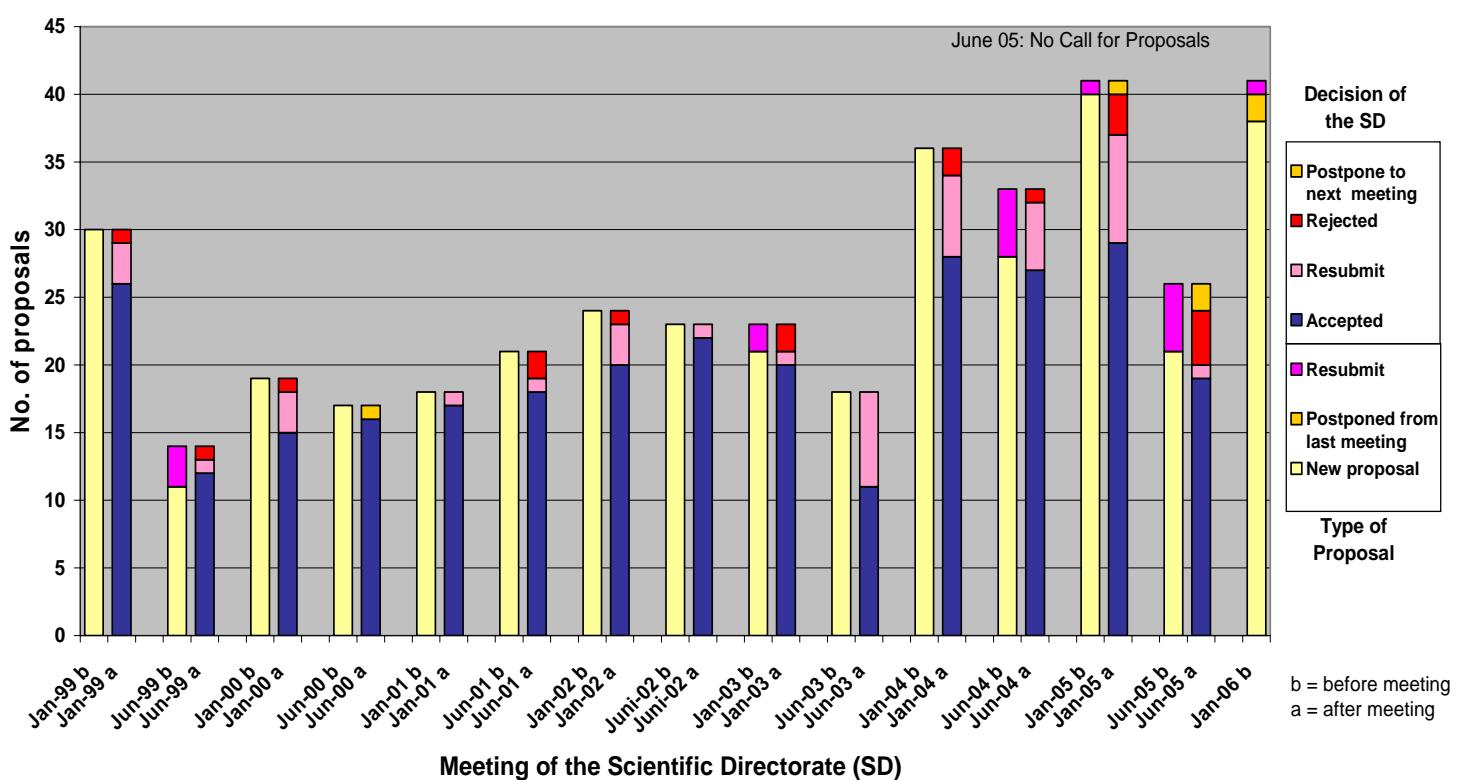
number of participants reduced to 30, enabling two events to be organized in parallel. Only few seminar organizers take advantage of these offerings.

However, working retreats and other events generally use this format. The result is that three and sometimes four or five events take place in parallel and in sequence. Except for a few cases, the weekends have been kept fee, 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 autumn of 2007. (status: March 2006)
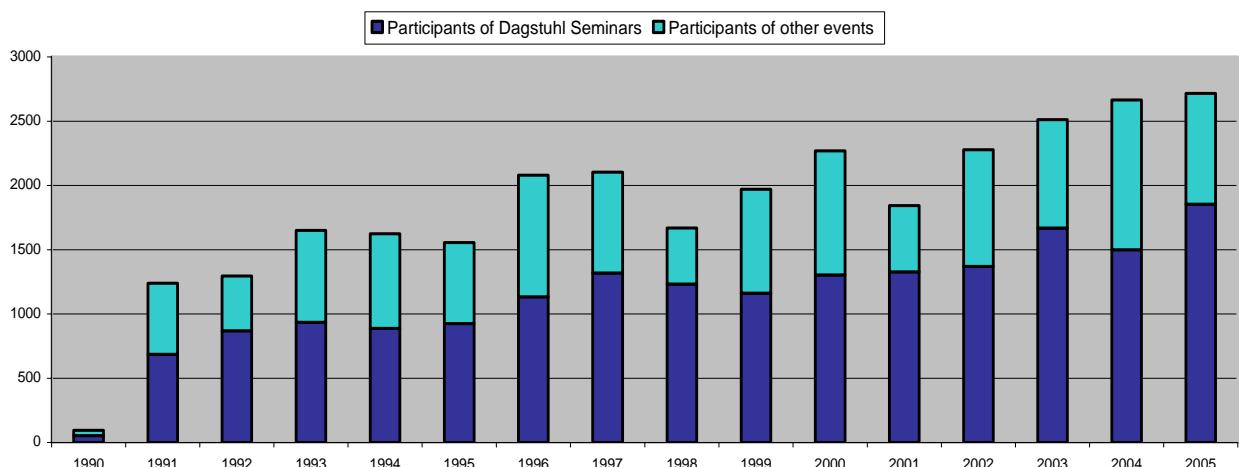
The following diagrams show the increase in seminar proposals as well as usage figures according to events and participants since the Center was founded, along with a breakdown according to the different event types.

For more particulars on the various events during 2005–2007 (date, title, organizer, etc.), please refer to the Annex. Dagstuhl's website contains further information on each event, e.g. objective, participant list, concluding report and, in some cases, references to in-depth information.
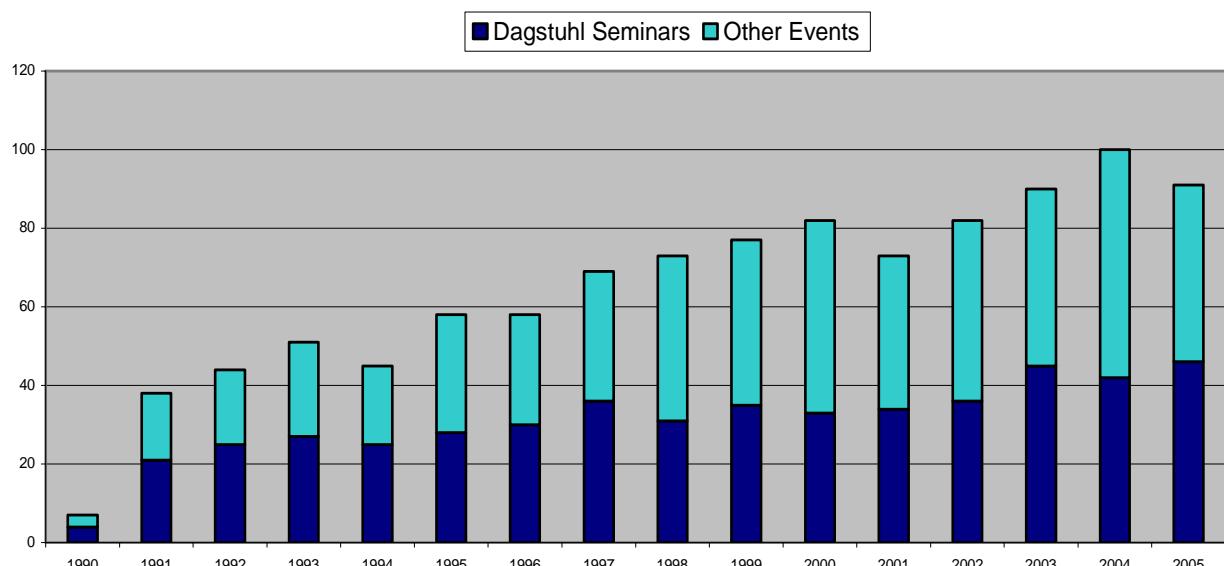
No. of Dagstuhl Seminar Proposals from 1999–2006 (Status: January 2006)
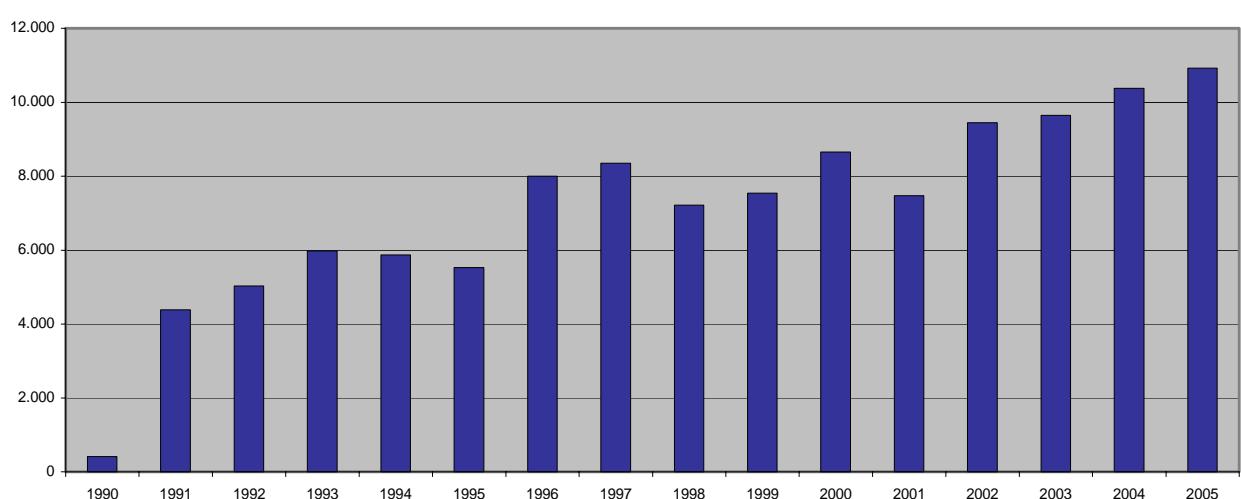
Dagstuhl Guests 1990 - 2005

■ Participants of Dagstuhl Seminars ■ Participants of other events

Dagstuhl Events 1990 - 2005

■ Dagstuhl Seminars ■ Other Events
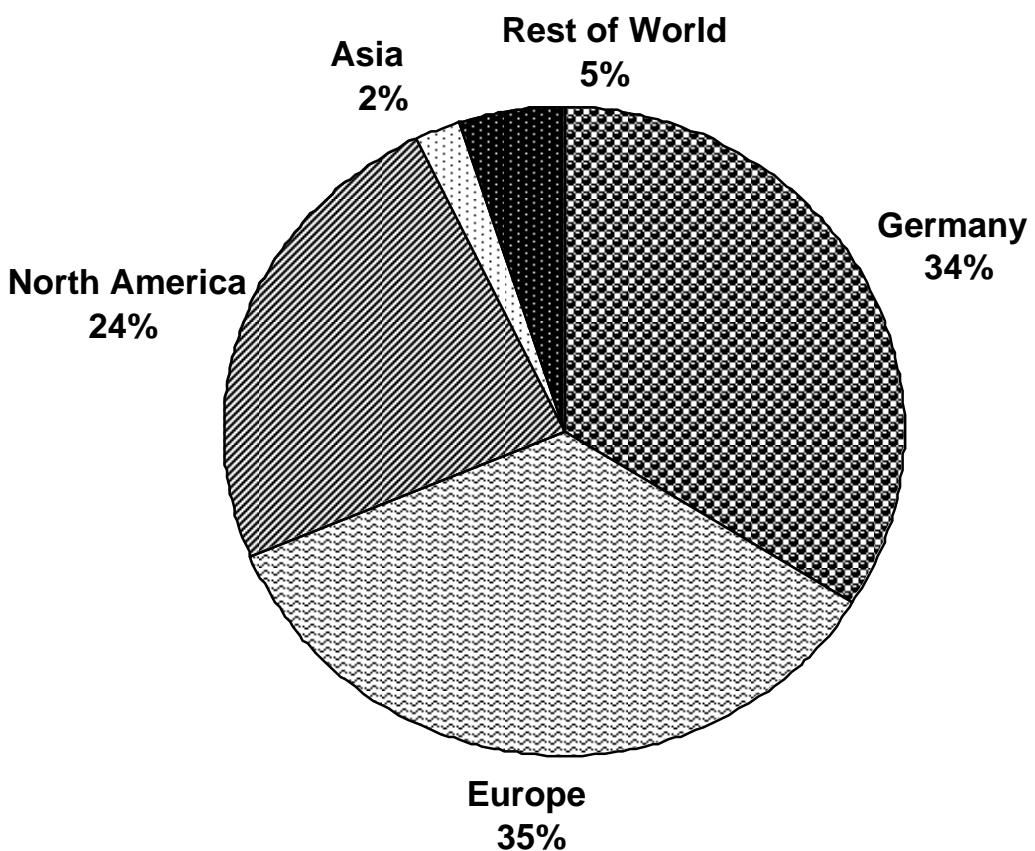
Dagstuhl Overnight Stays 1990 - 2005

2.6 Participants

At 66% the proportion of foreign guests in Dagstuhl Seminars was extremely high again during 2005, as compared to an overall proportion of 55% in other types of events (other European countries: 35% and 31% respectively). The following chart shows the distribution according to area of origin of our guests in 2005. 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 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 personnel.

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 20 to 60 each, in addition to several conference rooms. Apart from the usual projection equipment, the lecture halls are also equipped with beamers to which various computers and video systems can be connected. They also feature Internet access for the Center's desktop computers and participants' laptops. These facilities not only enable talks and papers to be presented in an optimal manner but also enable online demonstrations of active and distributed systems to be given to large audiences. Telephone conferences are also possible.

3.2 Computers and Networking

- Hardware

The guests have round-the-clock access to computer equipment consisting of ca. 25 networked workstations and SunRay terminals along with the associated peripherals in two computer rooms and in the lecture halls. The Center's LAN is linked to Saarland University via a leased line, from where access is gained to the Internet. This enables presentations to be made of software downloaded by participants via the Internet, in addition to enabling the Center's guests to be accessible via e-mail. All seminar and conference participants receive their own personal user id.

SUN SunRay thin clients are used in both computer rooms.

- 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 on-line catalogue can be conveniently done from one's own laptop.

- Terminal servers

A terminal server solution under Windows 2000 with a Citrix metaframe was implemented for improving the integration of staff, particularly those in the Dagstuhl Office in Saarbrücken, by linking them to the Center's database. This service has since been extended to the Center's guests. By virtue of the SunRays introduced in 2001, guests have a Unix and Windows environment at their fingertips at the same workstation, in so doing enabling the thin client

technology featuring central administration to be implemented throughout the Center.

Five research workstations are installed in the library. Thin clients were used here owing to the positive experience with this reliable technology in the past (particularly when it comes to maintenance and management).

3.3 Library

The Research Library is one of the Center's most impressive offerings. Thanks to the startup financing 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, primarily in English. As of 31 December 2005, the library's assets totaled 48,664 bibliographic units including 457 journals.

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. An additional three research terminals were set up, making for a total of five research workstations available to visitors to the library.

Special book exhibits regularly take place in the library's entrance area. Every week the books authored by the participants of the current Dagstuhl Seminar are put out on display. 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.

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 periodicals are also made available to other libraries, particularly by way of inter-library loans.

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/Library/

3.4 Seminar Materials

A concept developed recently offers seminar participants a platform, or the Materials Server, where they can upload materials on their presentation, e.g. slides or even papers. This platform can be used on site and made available to the other participants. Participants can also upload "metadata" to the server

such as the title of the presentation, (co)authors, abstract and keywords which 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.

The documents are drafts of sorts and can be modified or deleted by the participants at any time.

During 2005 the participants of 47 seminars uploaded 1,438 documents to the Materials Server (1.4 GB), with presentation slides making up the bulk of this material.

(Example: http://www.dagstuhl.de/05081/Materials/)

Seminar materials	2005
Metadata / presentation titles	1498
Slides	855
Extended Abstracts / Papers	460
Other	123
Documents	1438

3.5 Publications

Following from the concept of Dagstuhl Seminars, no finished work or projects are presented at the seminars, but rather they serve to provide insight into current research work. Consequently, as a rule no proceedings volumes are published on the seminars. Instead the participants are called upon to submit the complete metadata on their papers or talks, which is then complemented by a summary (including review and outlook) contributed by the organizers and then published as a *Seminar Report* by the Center.

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. (See http://www.dagstuhl.de/files/Reports/)

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 papers 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 published. Presentation slides are not accepted by Dagstuhl. A DSP volume is published per seminar.

With the **Dagstuhl Research Online Publication Server, a.k.a. DROPS**, a new platform was created in 2004 which 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 (http://www.dagstuhl.de/DROPS/).

Each volume is accessible via a portal of its own on DROPS. Searching can be done on the server according to keywords; even full-text searching is possible. (Example: http://drops.dagstuhl.de/portals/05151/).

The following has been published on DROPS so far for 2005: 221 abstract collections, papers and other documents. A series of other documents is currently in preparation.

Submitted for publication on DROPS	2004	2005
Dagstuhl Seminar Proceedings	**30**	**25**
Abstracts Collections / Reports	27	24
Summaries / Manifestos	14	23
Papers / Extended Abstracts	146	175
Proceedings of other events	-	1
Total documents	**187**	**222**

The start-up of the DROPS online publication server is linked with supporting the *open access movement*. On 3 August 2005 the Center signed the "Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities". In so doing, it 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.

In addition to the Dagstuhl Seminar Proceedings, **monographs and conference reports are published on some of the seminars** as are **special**

issues by journals. 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/Library/DagstuhlBooks/. 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.

3.6 Internet Offerings

Content and objectives of the Center's web offerings:

- *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

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. The web server administers several hundred static pages, part of which feature a German and an English version. 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.

In 2005 the server recorded an average of 6,000 direct page accesses/day (i.e. excluding accesses via search engines).

3.7 Ambience

The participants typically describe the atmosphere at Schloss Dagstuhl as being surprisingly pleasant and being instrumental in promoting valuable work and communication between the guests. Former participants frequently talk about 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 in the Center have been chosen so as to promote communication among the participants.

3.8 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 2005:

26 November 2004 – 6 March 2005
"100 days — 100 Imachinations": Internet-based megaprojection
Tim Otto Roth (Oppenau i. Schw., Germany)

12 September – 16 November 2005
"*Farbecht 2 – Fünf malerische Positionen*" ("True Color 2 — Five Painting Statements")
Works of Friederike Bauer, Sabine Loos, Andrea Neumann, Dirk Rausch, Sabrina Sperl.

7 April – 2 September 2005
Marianne Aatz (Wadern-Oberlöstern, Germany)

21 January – 23 March 2005
"*nah dran – dicht daneben*" ("Close — Close by")
Mia Unverzagt (Saarbrücken, Germany)

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

- 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 in 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 to 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.

Access via: http://www.dagstuhl.de/Art/

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

Annex

1   Dagstuhl Bodies

(status: March 2006)

Supervisory Board

Representatives of the Associates:

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

Prof. Dr. Matthias Jarke, Aachen University of Technology and *Fraunhofer Gesellschaft*
GI representative

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GI representative

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Prof. Dr. Margaret Wintermantel, University of Saarland,
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Representative of Saarland University

Representatives of the German federal government and the states:

Hans Seus, Ministry for Science, Continuing Education, Research and Cultural Affairs, Mainz, Germany
Representative of Rhineland-Palatinate

Dr. Susanne Reichrath, Ministry of Education, Cultural Affairs and Science Saarbrücken, Germany
Representative of Saarland

Dr. Bernd Reuse, German Federal Ministry of Education and Research, Bonn
(member of the Curatory Board and visiting member of the Scientific Advisory Board),
Representative of the German Federal Government

Scientific Directorate

Prof. Dr. Hans-Joachim Bungartz, Technical University of Munich
    Representative of the University of Stuttgart

Prof. Dr. Hans Hagen, University of Kaiserslautern
    Representative of the University of Kaiserslautern

Prof. Dr. Hannes Hartenstein, University of Karlsruhe
    Representative of the University of Karlsruhe

Prof. Dr. Hélène Kirchner, INRIA — Nancy, France
    INRIA Representative

Prof. Dr. Paul Klint, CWI — Amsterdam, Netherlands
    Representative of CWI Amsterdam

Prof. Dr. Christoph Meinel, HPI Potsdam
    Representative of the University of Trier

Prof. Dr. Friedhelm Meyer auf der Heide, HNI, University of Paderborn
    GI representative (GI Advisory Board of University Professors)

Prof. Dr. Bernhard Nebel, University of Freiburg
    GI representative (Executive Board)

Prof. Dr. Manfred Schmidt-Schauß, University of Frankfurt
    Representative of the University of Frankfurt

Prof. Dr. Peter H. Schmitt, University of Karlsruhe
    GI representative (Executive Board)

Prof. Dr. Otto Spaniol, Aachen University of Technology
    GI representative (GI Advisory Board of University Professors)

Prof. Dr. Christoph Walther, Technical University of Darmstadt
    Representative of the Technical University of Darmstadt

Prof. Dr. Gerhard Weikum, Max Planck Institute for Informatics, Saarbrücken
    Max Planck Society representative

Prof. Dr. Reinhard Wilhelm, University of Saarland
    Representative of Saarland University, Scientific Director

Scientific Advisory Board

Prof. Juris Hartmanis, Walter R. Read Professor of Engineering, Cornell
    University, National Academy of Engineering

Prof. Matthias Jarke, Aachen University of Technology
    (also member of the Industrial Curatory Board)
    Chairman of the German Informatics Society (GI)

Prof. Dr. Jan Karel Lenstra, Director, Centrum voor Wiskunde en Informatica
    (CWI) (Center for Mathematics and Computer Science), Amsterdam

Prof. Dr. Kurt Mehlhorn, Vice-Chairman of the Max Planck Society
Director of the Max Planck Institute for Informatics, of Saarbrücken

Prof. Dr. Wolffried Stucky, AIFB, University of Karlsruhe
President of the Council of European Professional Informatics Societies
(CEPIS)

Prof. Dr. Dorothea Wagner, University of Karlsruhe, Chairman
Executive Board member of the German Informatics Society (GI)

Representatives of the German federal government and states in the capacity of visiting members:

Dr. Susanne Reichrath, Representative of Saarland

Dr. Bernd Reuse, Representative of the German Federal Government

Hans Seus, Representative of Rhineland-Palatinate

Industrial Curatory Board

Dr. Wolfram Büttner, OneSpin Solutions GmbH, Munich

Dr. Franz-Josef Fritz, Vice President, Technology Architecture and Product
Management, SAP AG, Walldorf

Prof. Dr. Matthias Jarke, Aachen University of Technology and
Fraunhofer Gesellschaft
Chairman of the German Informatics Society (GI)

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Dr. Wolfgang Merker, Information and Communication Research Unit Head,
DaimlerChrysler AG, Berlin

Dr. Bernd Reuse, German Federal Ministry of Education and Research, Bonn

Dr. hc. Hartmut Raffler, Siemens AG, Munich

2.1   Dagstuhl Seminars and Perspectives Workshops

**For information on the individual seminars please refer to
http://www.dagstuhl.de/<seminar no.>**

2005

05011, 03.01.2005 - 07.01.2005
Computing and Markets
D. Lehmann (Univ. of Jerusalem, IL), R. Müller (Maastricht Univ., NL), T. Sandholm
(CMU - Pittsburgh, US)

05021, 09.01.2005 - 14.01.2005
Mathematics, Algorithms, Proofs
T. Coquand (Chalmers - Göteborg, SE), H. Lombardi (Université de Franche-Comté, FR),
M.-F. Roy (Université de Rennes, FR)

05031, 16.01.2005 - 21.01.2005
Algorithms for Optimization with Incomplete Information
S. Albers (Universität Freiburg, DE), R. H. Möhring (TU Berlin, DE), G. Ch. Pflug
(Universität Wien, AT), R. Schultz (Universität Duisburg-Essen, DE)

05051, 30.01.2005 - 04.02.2005
Probabilistic, Logical and Relational Learning - Towards a Synthesis
L. De Raedt (Univ. Freiburg, DE), T. Dietterich (Oregon State Univ., US), L. Getoor (Univ.
of Maryland, US), S. H. Muggleton (Imperial College London, GB)

05061, 06.02.2005 - 11.02.2005
Foundations of Semistructured Data
F. Neven (Univ. of Limburg, BE), T. Schwentick (Univ. Marburg, DE), D. Suciu (Univ. of
Washington, US)

05071, 13.02.2005 - 18.02.2005
Machine Learning for the Semantic Web
F. Ciravegna (Univ. of Sheffield, GB), A. Doan (Univ. of Illinois - Urbana, US), C.
Knoblock (USC/ISI - Marina del Rey, US), N. Kushmerick (Univ. College Dublin, IR), S.
Staab (Univ. Koblenz, DE)

05081, 20.02.2005 - 25.02.2005
Foundations of Global Computing
J. Luiz Fiadeiro (Univ. of Leicester, GB), U. Montanari (Univ. di Pisa, IT), M. Wirsing
(Univ. München, DE)

05091, 01.03.2005 - 04.03.2005
[PW] **Multimedia Research – where do we need to go tomorrow**
S. Boll (Universität Oldenburg, DE), T.-S. Chua (National University of Singapore, SG), N.
Dimitrova (Philips Labs. - Briarcliff Manor, US), R. Jain (Georgia Institute of Technology,
US)

05101, 06.03.2005 - 11.03.2005
Scheduling for Parallel Architectures: Theory, Applications, Challenges
E. Altman (IBM TJ Watson Research Center, US), J. Dehnert (Transmeta - Santa Clara,
US), C. W. Kessler (Linköping Univ., SE), J. Knoop (TU Wien, AT)

05111, 13.03.2005 - 18.03.2005
Computational Geometry
H. Alt (FU Berlin, DE), F. Aurenhammer (TU Graz, AT), D. Halperin (Tel Aviv University, IL)

05141, 03.04.2005 - 08.04.2005
Power-aware Computing Systems
L. Benini (Università di Bologna, IT), U. Kremer (Rutgers Univ. - Piscataway, US), C. Probst (Univ. California - Irvine, US), P. Schelkens (Vrije Universiteit Brussel, BE)

05142, 03.04.2005 - 06.04.2005
Disruption Tolerant Networking
M. Brunner (NEC Europe - Heidelberg, DE),L. Eggert (NEC Europe - Heidelberg, DE), K. Fall (Intel Berkeley Labs, US), J. Ott (Helsinki Univ. of Technology, FIN), L. Wolf (TU Braunschweig, DE)

05151, 10.04.2005 - 15.04.2005
Annotating, Extracting and Reasoning about Time and Events
G. Katz (Univ. Osnabrück, DE), J. Pustejovsky (Brandeis Univ. Waltham, US), F. Schilder (Univ. Hamburg, DE)

05152, 09.04.2005 - 12.04.2005
[PW] **Peer-to-Peer Applications for Ad Hoc Networked Systems**
M. Gerla (Univ. California - Los Angeles, US), C. Lindemann (Universität Dortmund, DE), A. Rowstron (Microsoft Research, GB)

05161, 17.04.2005 - 22.04.2005
Transformation Techniques in Software Engineering
J. Cordy (Queens Univ., CA), R. Lämmel (Microsoft Reseach, Redmond, US), A. Winter (Univ. Koblenz - Landau, DE)

05171, 24.04.2005 - 29.04.2005
Nonmonotonic Reasoning, Answer Set Programming and Constraints
G. Brewka (Univ. Leipzig, DE), I. Niemelä (Helsinki Univ. of Technology, FI), T. Schaub (Univ. Potsdam, DE), M. Truszczynski (Univ. of Kentucky, US)

05171, 27.04.2005 - 29.04.2005
Nonmonotonic Reasoning, Answer Set Programming and Constraints
G. Brewka (Univ. Leipzig, DE), I. Niemelä (Helsinki Univ. of Technology, FI), T. Schaub (Univ. Potsdam, DE), M. Truszczynski (Univ. of Kentucky, US)

05181, 01.05.2005 - 04.05.2005
Mobile Computing and Ambient Intelligence: The Challenge of Multimedia
N. Davies (Lancaster University, GB), T. Kirste (Univ. Rostock, DE), H. Schumann (Univ. Rostock, DE)

05191, 08.05.2005 - 13.05.2005
Graph Drawing
M. Jünger (Univ. Köln, DE), S. Kobourov (Univ. of Arizona, US), P. Mutzel (Univ. of Dortmund, DE)

05201, 15.05.2005 - 20.05.2005
Design and Analysis of Randomized and Approximation Algorithms
M. Dyer (Univ. of Leeds, GB), M. Jerrum (Univ. of Edinburgh, GB), M. Karpinski (Univ. Bonn, DE)

05221, 29.05.2005 - 03.06.2005
Geometric Modeling
G. Brunnett (TU Chemnitz, DE), G. Farin (ASU - Tempe, US), R. Goldman (Rice University, US), S. Hahmann (LMC-IMAG - Grenoble, FR)

05231, 08.06.2005 - 10.06.2005
Scientific Visualization: Challenges for the Future
T. Ertl (Univ. Stuttgart, DE), E. Gröller (TU Wien, AU), K. Joy (Univ. of California, Davis, USA), G. Nielson (ASU, Tempe, USA)

05241, 12.06.2005 - 17.06.2005
Synthesis and Planning
H. Kautz (Univ. of Washington, US), W. Thomas (RWTH Aachen, DE), M. Y. Vardi (Rice University, US)

05251, 19.06.2005 - 24.06.2005
Types for Tools: Applications of Type Theoretic Techniques
F. Henglein (DIKU Copenhagen, DK), M. Odersky (EPFL - Lausanne, CH), F. Tip (IBM TJ Watson Research Center, US), J. Vitek (Purdue University, US)

05261, 26.06.2005 - 01.07.2005
Multi-Version Program Analysis
T. Ball (Microsoft Research - Redmond, US), S. Diehl (Univ. Saarbrücken, DE), D. Notkin (Univ. of Washington, US), A. Zeller (Univ. Saarbrücken, DE)

05271, 03.07.2005 - 08.07.2005
Semantic Grid: The Convergence of Technologies
C. Goble (Manchester Univ., GB), C. Kesselman (Univ. Southern California, US), Y. Sure (Univ. Karlsruhe, DE)

05281, 10.07.2005 - 15.07.2005
Simulation & Scheduling
J. Fowler (ASU - Tempe, US), B. Nelson (NW University - Evanston, US), M. Pinedo (New York University, US), O. Rose (TU Dresden, DE)

05291, 17.07.2005 - 22.07.2005
Sublinear Algorithms
 A. Czumaj (New Jersey Inst. of Technology, US), M. Muthukrishnan (AT&T Research, US), R. Rubinfeld (MIT - Cambridge, US), C. Sohler (Universität Paderborn, DE)

05301, 24.07.2005 - 29.07.2005
Exact Algorithms and Fixed-Parameter Tractability
R. Downey (Univ. of Wellington, NZ), M. Grohe (HU Berlin, DE), M. Hallett (McGill Univ., CA), G. Woeginger (Univ. of Twente, NL)

05311, 31.07.2005 - 05.08.2005
Verifying Optimizing Compilers
J. Knoop (TU Wien, AT), G. Necula (Univ. California - Berkeley, US), W. Zimmermann (Univ. Halle-Wittenberg, DE), L. Zuck (Univ. of Illinois - Chicago, US)

05321, 07.08.2005 - 12.08.2005
Belief Change in Rational Agents:
J. Delgrande (Simon Fraser Univ., CD), J. Lang (IRIT - Toulouse, FR), H. Rott (Univ. of Regensburg, DE), J.-M. Tallon (Univ. Paris I, FR)

05361, 04.09.2005 - 09.09.2005
Algorithmic Aspects of Large and Complex Networks
St. Leonardi (Univ. di Roma "La Sapienza", IT), F. Meyer auf der Heide (Univ. Paderborn, DE), D. Wagner (Univ. Karlsruhe, DE)

05371, 11.09.2005 - 16.09.2005
Principles and Practices of Semantic Web Reasoning
F. Bry (Univ. München, DE), F. Fages (INRIA Rocquencourt, FR), M. Marchiori (MIT - Cambridge, US), H.-J. Ohlbach (Univ. München, DE)

05381, 18.09.2005 - 23.09.2005
Form and Content in Sensor Networks
L. Guibas (Stanford Univ., US), U. D. Hanebeck (Univ. Karlsruhe, DE), T. C. Henderson (Univ. of Utah, US)

05381, 21.09.2005 - 23.09.2005
Form and Content in Sensor Networks
L. Guibas (Stanford Univ., US), U. D. Hanebeck (Univ. Karlsruhe, DE), T. C. Henderson (Univ. of Utah, US)

05382, 21.09.2005 - 24.09.2005
Efficient Text Entry
K. Harbusch (Univ. Koblenz/Landau, DE), K.-J. Raiha (Univ. of Tampere, FI), K. Tanaka-Ishii (Univ. of Tokyo, JP)

05391, 25.09.2005 - 30.09.2005
Algebraic and Numerical Algorithms and Computer-assisted Proofs
B. Buchberger (Univ. Linz, AT), S. Oishi (Waseda Univ., JP), M. Plum (Univ. Karlsruhe, DE), S. M. Rump (TU Hamburg-Harburg, DE)

05402, 05.10.2005 - 08.10.2005
[PW] **Challenges for Software Engineering Research**
M. Broy (TU München, DE), M. Jarke (RWTH Aachen, DE), M. Nagl (RWTH Aachen, DE), H.D. Rombach (FhG IESE - Kaiserslautern, DE)

05411, 09.10.2005 - 14.10.2005
Anonymous Communication and its Applications
S. Dolev (Ben Gurion Univ., IL), R. Ostrovsky (Univ. California - Los Angeles, US), A. Pfitzmann (TU Dresden, DE)

05421, 16.10.2005 - 21.10.2005
Data Always and Everywhere - Management of Mobile, Ubiquitous, Pervasive, and Sensor Data
G. Alonso (ETH Zürich, CH), Ch. S. Jensen (Aalborg University, DK), B. Mitschang (Univ. Stuttgart, DE), O. Risnes (Telenor Research and Development, NO)

05431, 23.10.2005 - 28.10.2005
Deduction and Applications
F. Baader (TU Dresden, DE), P. Baumgartner (MPI für Informatik, DE), R. Nieuwenhuis (TU Barcelona, ES), A. Voronkov (Manchester Univ., GB)

05441, 30.10.2005 - 04.11.2005
Managing and Mining Genome Information: Frontiers in Bioinformatics
J. Blazewicz (Politechnika Poznanska, PL), J. Ch. Freytag (HU Berlin, DE), M. Vingron (MPI für Molekulare Genetik, DE)

05451, 06.11.2005 - 11.11.2005
Beyond Program Slicing
D. Binkley (Loyola College - Baltimore, US), M. Harman (Brunel University, GB), J. Krinke (FernUniversität Hagen, D)

05461, 14.11.2005 - 16.11.2005
[PW] **Perspektiven-Workshop zur theoretischen Informatik**
W. Thomas (RWTH Aachen, DE), I. Wegener (Universität Dortmund, DE)

05462, 15.11.2005 - 18.11.2005
Service Oriented Computing (SOC)
F. Casati (HP - Palo Alto, US), B. Krämer (FernUniversität in Hagen, DE), M. P. Papazoglou (Tilburg University, NL), F. Cubera (IBM TJ Watson Research, US)

05471, 20.11.2005 - 25.11.2005
Computational Proteomics
C. Huber (Univ. des Saarlandes, DE), O. Kohlbacher (Univ. Tübingen, DE), K. Reinert (FU Berlin, DE)

05491, 04.12.2005 - 09.12.2005
Spatial Cognition: Specialization and Integration
A. G. Cohn (University of Leeds, GB), Ch. Freksa (Universität Bremen, DE), B. Nebel (Universität Freiburg, DE)

05501, 12.12.2005 - 16.12.2005
Automatic Performance Analysis
H. M. Gerndt (TU München, DE), A. Malony (University of Oregon, US), B. P. Miller (Univ. Wisconsin - Madison, US), W. Nagel (TU Dresden, DE)

2006

06011, 03.01.2006 - 06.01.2006
[PW] **Autonomic Networking**
G. Carle (Universität Tübingen, DE), R. H. Katz (Univ. California - Berkeley, US), B. Plattner (ETH Zürich, CH), M. Smirnov (FhG FOKUS - Berlin, DE)

06021, 08.01.2006 - 13.01.2006
Reliable Implementation of Real Number Algorithms: Theory and Practice
P. Hertling (Univ. Duisburg-Essen, DE), Ch. M. Hoffmann (Purdue Univ., US), W. Luther (Univ. Duisburg-Essen, DE), N. Revol (ENS - Lyon, FR)

06031, 15.01.2006 - 20.01.2006
Organic Computing - Controlled Emergence
K. Bellmann (Aerospace Corp. - Los Angeles, US), P. Hofmann (DaimlerChrysler Research - Stuttgart, DE), Ch. Müller-Schloer (Univ. Hannover, DE), H. Schmeck (Univ. Karlsruhe, DE), R. Würtz (Ruhr-Univ. Bochum, DE)

06051, 29.01.2006 - 03.02.2006
Kolmogorov Complexity and Applications
Marcus Hutter (IDSIA - Lugano-Manno, CH), Wolfgang Merkle (Universität Heidelberg, DE), Paul Vitanyi (CWI - Amsterdam, NL)

06061, 05.02.2006 - 10.02.2006
Theory of Evolutionary Algorithms
D.V. Arnold (Dalhousie Univ., CA), T. Jansen (Univ. Dortmund, DE), J. E. Rowe (Univ. of Birmingham, GB), M.D. Vose (Univ. of Tennessee, US)

06071, 12.02.2006 - 17.02.2006
Architectures and Algorithms for Petascale Computing
U. Rüde (Universität Erlangen-Nürnberg, DE), H. D. Simon (Lawrence Berkeley Nat. Lab, US), P. Sloot (University of Amsterdam, NL)

06081, 19.02.2006 - 24.02.2006
Software Verification: Infinite-State Model Checking and Static Program Analysis
P. A. Abdulla (University of Uppsala, SE), A. Bouajjani (LIAFA - Université Paris VII, FR), M. Müller-Olm (Universität Münster, DE)

06091, 26.02.2006 - 03.03.2006
Data Structures
L. Arge (BRICS - Aarhus, DK), R. Sedgewick (Princeton University, US), D. Wagner (Universität Karlsruhe, DE)

06101, 05.03.2006 - 10.03.2006
Spatial Data: mining, processing and communicating
J-R. Sack (Carleton Univ. - Ottawa, CD), M. Sester (Univ. Hannover, DE), M. Worboys (Univ. of Maine, US), P. van Oosterom (TU Delft, NL)

06111, 12.03.2006 - 17.03.2006
Complexity of Boolean Functions
M. Krause (Univ. Mannheim, DE), P. Pudlak (Czech Academy of Sciences, Prague, CZ), R. Reischuk (Univ. Lübeck, DE), D. van Melkebeek (Univ. Wisconsin - Madison, US)

06121, 19.03.2006 - 24.03.2006
Atomicity: A Unifying Concept in Computer Science
C. B. Jones (University of Newcastle, GB), D. Lomet (Microsoft Research - Redmond, US), A. Romanovsky (University of Newcastle, GB), G. Weikum (MPI für Informatik, DE)

06131, 26.03.2006 - 29.03.2006
Peer-to-Peer-Systems and -Applications
A. Joseph (UC Berkeley, US), R. Steinmetz (TU Darmstadt, DE), I. Stoica (UC Berkeley, US), K. Wehrle (Univ. Tübingen, DE)

06132, 28.03.2006 - 31.03.2006
Internet Economics
M. Karsten (University of Waterloo, CA), L. McKnight (Syracuse University, US), P. Reichl (FZ Telekommunikation Wien, AT), B. Stiller (ETH Zürich, CH)

06141, 02.04.2006 - 07.04.2006
Dynamically Reconfigurable Architectures
P. M. Athanas (Virginia Polytechnic Institute, US), J. Becker (Universität Karlsruhe, DE), G. Brebner (Xilinx - San José, US), J. Teich (Universität Erlangen, DE)

06161, 17.04.2006 - 22.04.2006
Simulation and Verification of Dynamic Systems
D. M. Nicol (Univ. of Illinois - Urbana, US), C. Priami (Univ. of Trento, IT), H. Riis Nielson (TU of Denmark, DK), H. Ruess (SRI - Menlo Park, US), A. M. Uhrmacher (Univ. Rostock, DE)

06171, 23.04.2006 - 28.04.2006
Content-Based Retrieval
T. Crawford (Goldsmiths College - London, GB), R. Veltkamp (Utrecht Univ.,NL)

06172, 26.04.2006 - 29.04.2006
Directed Model Checking
S. Edelkamp (Univ. of Dortmund, DE), S. Leue (Univ. of Konstanz, DE), A. Lluch-Lafuente (Univ. Pisa, IT), W. Visser (NASA, USA)

06181, 01.05.2006 - 06.05.2006
Latently-Typed Languages
R. Johnson (Univ. of Illinois - Urbana, US), Sh. Krishnamurthi (Brown Univ. - Providence, US), Th. Kühne (TU Darmstadt, DE), M. Sperber (DeinProgramm, Independent Software Consultant, Tübingen, DE)

06191, 07.05.2006 - 12.05.2006
Rigorous Methods for Software Construction and Analysis
J.-R. Abrial (ETH Zürich, CH), U. Glässer (SFU Burnaaby, CA), B. Meyer (ETH Zürich, CH)

06201, 14.05.2006 - 19.05.2006
Combinatorial and Algorithmic Foundations of Pattern and Association Discovery
R. Ahlswede (Univ. Bielefeld, DE), A. Apostolico (Univ. di Padova, IT), V. I. Levenshtein (Keldysh Institute - Moscow, RU)

06221, 28.05.2006 - 02.06.2006
Computational Aesthetics in Graphics, Visualization and Imaging
B. Gooch (NW Univ. - Evanston, US), L. Neumann (Univ. of Girona, ES), W. Purgathofer (TU Wien, AT), M. Sbert (Univ. of Girona, ES)

06231, 05.06.2006 - 09.06.2006
Towards Affordance-Based Robot Control
E. Rome (Fraunhofer AIS - Sankt Augustin, DE), P. Doherty (Linköping Univ., SE), G. Dorffner (ÖFAI and Medical Univ. of Vienna, AT), J. Hertzberg (Univ. Osnabrück, DE)

06241, 11.06.2006 - 16.06.2006
Human Motion - Understanding, Modeling, Capture and Animation.
R. Klette (Univ. of Auckland, NZ), D. Metaxas (Univ. of Pennsylvania, US), B. Rosenhahn (MPI Saarbrücken, DE)

06251, 19.06.2006 - 23.06.2006
Multi-Robot Systems: Perception, Behaviors, Learning, and Action
H.-D. Burkhard (HU Berlin, DE), U. Schwiegelshohn (Univ. Dortmund, DE), M. Veloso (CMU - Pittsburgh, US)

06261, 25.06.2006 - 30.06.2006
Foundations and Practice of Programming Multi-Agent Systems
M. Dastani (Utrecht University, NL), J.-J. Meyer (Utrecht University, NL), R. Bordini (Univ. of Durham, GB)

06262, 26.06.2006 - 30.06.2006
Empirical Software Engineering
V. Basili (Univ. of Maryland, US), H.D. Rombach (FhG IESE - Kaiserslautern, DE), K. Schneider (Univ. Hannover, DE)

06271, 02.07.2006 - 07.07.2006
Challenges in Symbolic Computation Software
W. Decker (Universität Saarbrücken, DE), M. Dewar (NAG Ltd. - Oxford, GB), E. Kaltofen (North Carolina State University, US), S. Watt (University of Western Ontario, CA)

06281, 09.07.2006 - 13.07.2006
The Challenge of Software Verification
M. Broy (TU München, DE), P. Cousot (ENS - Paris, FR), J. Misra (Univ. of Austin, US), P. O'Hearn (Queen Mary College - London, GB)

06291, 16.07.2006 - 21.07.2006
The Role of Business Processes in Service Oriented Architectures
F. Leymann (Universität Stuttgart, DE), W. Reisig (HU Berlin, DE), S. R. Thatte (Microsoft Research - Seattle, US), W. van der Aalst (TU of Eindhoven, NL)

06301, 23.07.2006 - 26.07.2006
Duplication, Redundancy, and Similarity in Software
R. Koschke (Universität Bremen, DE), A. Lakhotia (Univ. of Louisiana - Lafayette, US), E. Merlo (Ècole Polytechnique de Montréal, CA), A. Walenstein (Univ. of Louisiana - Lafayette, US)

06302, 26.07.2006 - 29.07.2006
Aspects For Legacy Applications
S. Clarke (Trinity College - Dublin, IE), L. Moonen (CWI - Amsterdam, NL), G. Ramalingam (IBM TJ Watson Research Center, US)

06311, 30.07.2006 - 04.08.2006
Sensor Data and Information Fusion in Computer Vision and Medicine
J. Denzler (Univ. Jena, DE), J. Hornegger (Univ. Erlangen, DE), J. Kittler (Univ. of Surrey, GB), C. R. Maurer JR. (Stanford Univ., US)

06341, 20.08.2006 - 25.08.2006
Computational Structures for Modelling Space, Time and Causality
R. Kopperman (City University of New York, US), P. Panangaden (McGill University - Montreal, CA), M. B. Smyth (Imperial College London, UK), D. Spreen (Univ. Siegen, DE), J. Webster (Imperial College London, UK)

06351, 27.08.2006 - 01.09.2006
Methods for Modelling Software Systems (MMOSS)
D. Harel (Weizmann Inst. - Rehovot, IL), P. Stevens (University of Edinburgh, UK), R. Wieringa (University of Twente, NL)

06361, 03.09.2006 - 08.09.2006
Computing Media and Languages for Space-Oriented Computation
A. DeHon (CalTech , US), J.-L. Giavitto (Univ. of Evry, FR), F. Gruau (Univ. Paris Sud, FR)

06371, 10.09.2006 - 15.09.2006
From Security to Dependability
Ch. Cachin (IBM Research - Zürich, CH), F. C. Freiling (Univ. Mannheim, DE), J.-H. Hoepman (Radboud Univ. of Nijmegen, NL)

06381, 17.09.2006 - 20.09.2006
Computer Science in Sport
A. Baca (Universität Wien, AT), L. Katz (University of Calgary, CA), J. Perl (Universität Mainz, DE), O. Spaniol (RWTH Aachen, DE)

06391, 24.09.2006 - 29.09.2006
Algorithms and Complexity for Continuous Problems
St. Dahlke (Univ. Marburg, DE), K. Ritter (TU Darmstadt, DE), I. H. Sloan (Univ. of New South Wales, AU), J. F. Traub (Columbia Univ., US)

06401, 01.10.2006 - 06.10.2006
Complexity of Constraints
N. Creignou (Univ. de Marseille, FR), Ph. Kolaitis (Univ. California - Santa Cruz, US), H. Vollmer (Univ. Hannover, DE)

06411, 08.10.2006 - 13.10.2006
Specification, Verification and Test of Open Systems
V. Goranko (Rand Afrikaans Univ. - Johannesburg, ZA), R. Grosu (SUNY at Stony Brook, US), S. Merz (INRIA Lorraine, FR), H. Schlingloff (Fraunhofer Institut - Berlin, DE)

06421, 15.10.2006 - 20.10.2006
Robot Navigation
S. Fekete (TU Braunschweig, DE), R. Fleischer (Fudan University - Shanghai, CA), R. Klein (Universität Bonn, DE), A. López-Ortiz (University of Waterloo, CA)

06431, 22.10.2006 - 27.10.2006
Scalable Data Management in Evolving Networks
S. Böttcher (Universität Paderborn, DE), L. Gruenwald (University of Oklahoma - Norman, US), P.J. Marrón (Universität Stuttgart, DE), E. Pitoura (University of Ioannina, GR)

06441, 29.10.2006 - 01.11.2006
Naming and Addressing for Next-Generation Internetworks
B. Ahlgren (SICS - Kista, SE), L. Eggert (NEC Europe - Heidelberg, DE), A. Feldmann (TU München, DE), A. Gurtov (HIIT - Helsinki, FI), T. Henderson (Boeing Phantom Works - Seattle, US)

06451, 08.11.2006 - 10.11.2006
Circuits, Logic, and Games
Th. Schwentick (Univ. Dortmund, DE), D. Thérien (McGill Univ. - Montreal, CA), H. Vollmer (Univ. Hannover, DE)

06461, 12.11.2006 - 17.11.2006
Negotiation and Market Engineering
N. Jennings (Univ. of Southampton, GB), G. Kersten (Carleton University - Ottawa, CA), A. Ockenfels (Univ.Köln, DE), C. Weinhardt (Univ. Karlsruhe, DE)

06472, 19.11.2006 - 22.11.2006
XQuery Implementation Paradigms
P. A. Boncz (CWI - Amsterdam, NL), T. Grust (TU München, DE), J. Siméon (IBM TJ Watson Research Center - Hawthorne, US), M. van Keulen (Univ. of Twente, NL)

06481, 26.11.2006 - 01.12.2006
Geometric Networks and Metric Space Embeddings
J. Gudmundsson (National ICT Australia, AU), R. Klein (Univ. Bonn, DE), G. Narasimhan (Florida Int. Univ. - Miami, US), M. Smid (Carleton Univ. - Ottawa, CA), A. Wolff (Universität Karlsruhe, DE)

06491, 03.12.2006 - 08.12.2006
Digital Historical Corpora
L. Burnard (Oxford Univ. Computing Services, UK), M. Dobreva (Bulgarian Academy of

Sciences, BG), N. Fuhr (Univ. Duisburg-Essen, DE), A. Lüdeling (HU Berlin, DE)
06501, 10.12.2006 - 15.12.2006
Practical Approaches to Multi-Objective Optimization
J. Branke (Univ. Karlsruhe, DE), K. Deb (Indian Inst. of Technology - Kanpur, IN), K. Miettinen (Helsinki School of Economics, FI), R. Slowinski (Politechnika Poznanska, PL)

2007 – 2008

07021, 07.01.2007 - 12.01.2007
Symmetric Cryptography
E. Biham (Technion - Haifa, IL), H. Handschuh (Gemplus SA, Issy-les-Moulineaux, FR), St. Lucks (Univ. Mannheim, DE), V. Rijmen (CRYPTHOMATHIC NV - Leuven, BE)

07022, 10.01.2007 - 13.01.2007
Visualization and Processing of Tensor Fields
D. H. Laidlaw (Brown Univ. - Providence, US), J. Weickert (Univ. Saarbrücken, DE)

07031, 14.01.2007 - 19.01.2007
Software Dependability Engineering
R. Cleaveland (SUNY at Stony Brook, US), H. D. Rombach (FhG IESE - Kaiserslautern, DE), M. Shaw (CMU - Pittsburgh, US)

07041, 21.01.2007 - 26.01.2007
Power-aware Computing Systems
L. Benini (Univ. of Bologna, IT), N. Chang (Seoul Nat. Univ., KR), U. Kremer (Rutgers Univ. - Piscataway, US), Ch. W. Probst (TU of Denmark, DK)

07051, 28.01.2007 - 02.02.2007
Web Programming
P. Thiemann (Univ. Freiburg, DE), Ph. Wadler (Univ. of Edinburgh, UK)

07061, 04.02.2007 - 09.02.2007
Autonomic Web Services
J. Koehler (IBM Research Zurich, CH), M. Pistore (Univ. of Trento, IT), A. Sheth (Univ. of Georgia, US), P. Traverso (ITC-IRST, Trento, IT), M. Wirsing (LMU München, DE)

07071, 11.02.2007 - 16.02.2007
Web Information Retrieval and Linear Algebra Algorithms
P. Buchholz (Univ. Dortmund, DE), A. Frommer (Univ. Wuppertal, DE), B. Plateau (CSI Laboratoire - Grenoble, FR), W.J. Stewart (North Carolina State Univ., US), D. B. Szyld (Temple Univ. - Philadelphia, US)

07081, 18.02.2007 - 23.02.2007
End-User Software Engineering
M. M. Burnett (Oregon State Univ., US), G. Engels (Univ. Paderborn, DE), B. A. Myers (CMU - Pittsburgh, US), G. Rothermel (Uni. of Nebraska, US)

07091, 25.02.2007 - 02.03.2007
Mobility, Ubiquity and Security
G. Barthe (INRIA - Sophia Antipolis, FR), H. Mantel (RWTH Aachen, DE), A. Myers (Cornell Univ., US), P. Müller (ETH Zürich, CH), A. Sabelfeld (Cornell Univ., US)

07101, 04.03.2007 - 09.03.2007
Quantitative Aspects of Embedded Systems

B. Haverkort (Univ. of Twente, NL), J.-P. Katoen (RWTH Aachen, DE), L. Thiele (ETH Zürich, CH)

07111, 11.03.2007 - 16.03.2007
Computational Geometry
P. Kumar Agarwal (Duke Univ., US), H. Alt (FU Berlin, DE), F. Aurenhammer (TU Graz, AT)

07112, 13.03.2007 - 16.03.2007
Cutting, Packing, Layout and Space Allocation
E. Burke (Univ. of Nottingham, UK), K. Daniels (Univ. of Massachusetts - Lowell, US), G. Kendall (Univ. of Nottingham, UK)

07121, 18.03.2007 - 23.03.2007
Experimental Fluid Mechanics, Computer Vision & Pattern Recognition
J.-P. Bonnet (Univ. of Poitiers, F),E. Mémin (INRIA Rennes, F), Ch. Schnörr (Univ. Mannheim, DE), C. Tropea (TU Darmstadt, DE)

07122, 18.03.2007 - 23.03.2007
Normative Multi-agent Systems
G. Boella (Univ. of Torino, IT), H. Verhagen (Stockholm Univ., SE), L. van der Torre (Univ. of Luxembourg, LU)

07131, 25.03.2007 - 30.03.2007
Similarity-based Clustering
M. Biehl (Univ. of Groningen, NL), B. Hammer (TU Clausthal, DE), M. Verleysen (Univ. of Louvain, BE), Th. Villmann (Univ. Leipzig, DE)

07132, 27.03.2007 - 30.03.2007
Towards Interoperability of Biomedical Ontologies
M. A. Musen (Stanford Univ., US), M. Schröder (TU Dresden, DE), B. Smith (Univ. des Saarlandes, DE)

07151, 09.04.2007 - 13.04.2007
Geometry in Sensor Networks
S. Suri (Univ. California - St. Barbara, US), R. Wattenhofer (ETH Zürich, CH), P. Widmayer (ETH Zürich, CH)

07161, 15.04.2007 - 20.04.2007
Probabilistic, Logical and Relational Learning
L. De Raedt (Univ. Freiburg, DE), T. Dietterich (Oregon State Univ., US), L. Getoor (Univ. of Maryland - College Park, US), K. Kersting (Univ. Freiburg, DE), S. H. Muggleton (Imperial College London, UK)

07171, 22.04.2007 - 27.04.2007
Visual Computing
M. Gross (ETH Zürich, CH), H. Müller (Univ. Dortmund, DE), H.-P. Seidel (MPI für Informatik, DE), H. Shum (Microsoft Research - Beijing, CN)

07211, 20.05.2007 - 25.05.2007
Exact, Approximative, Robust and Certifying Algorithms on Particular Graph Classes
A. Brandstädt (Univ. Rostock, DE), K. Jansen (Univ. Kiel, DE), D. Kratsch (Univ. de Metz, FR), J. P. Spinrad (Vanderbilt Univ., US)
07212, 20.05.2007 - 25.05.2007

Constraint Databases, Geometric Elimination and Geographic Information Systems
B. Bank (HU Berlin, DE), M. J. Egenhofer (Univ. of Maine, US), B. Kuijpers (Hasselt Univ. - Diepenbeek, BE)

07221, 28.05.2007 - 01.06.2007
Information Visualization
A. Kerren (Univ. of Kaiserslautern, DE), J. Stasko (Georgia Institute of Technology, US), J.-D. Fekete (INRIA Futurs, FR), C. North (Virginia Tech, US)

07241, 10.06.2007 - 15.06.2007
Tools for the Model-based Development of Certifiable, Dependable Systems
U. Goltz (TU Braunschweig, D), D. Harel (Weizmann Inst. - Rehovot, IL), M. Huhn (TU Clausthal, DE), H. Hungar (Univ. Oldenburg, DE), O. Strichman (Technion - Haifa, IL)

07261, 24.06.2007 - 29.06.2007
Fair Division
S. Brams (New York Univ., US), K. Pruhs (Univ. of Pittsburgh, US), G. Woeginger (TU Eindhoven, NL)

07271, 01.07.2007 - 06.07.2007
Computational Social Systems and the Internet
P. Cramton (Univ. of Maryland - College Park, USA), R. Müller (Maastricht Univ., NL), E. Tardos (Cornell Univ., US), M. Tennenholtz (Technion - Haifa, IL)

07301, 22.07.2007 - 27.07.2007
Ontologies and Text Mining for Life Sciences
D. Rebholz-Schuhmann (EBI Cambridge, UK), U. Leser (HU Berlin, DE), M. Ashburner (Univ. of Cambridge, UK)

07341, 19.08.2007 - 24.08.2007
Code Instrumentation and Modeling for Parallel Performance Analysis
A. Hoisie (Los Alamos National Lab., US), B. P. Miller (Univ. Wisconsin - Madison, US), B. Mohr (Forschungszentrum Jülich, DE)

07371, 09.09.2007 - 14.09.2007
Mobile Interfaces Meet Cognitive Technologies
J.-O. Eklundh (KTH Stockholm, SE), A. Leonardis (Univ of Ljubljana, SI), L. Paletta (Joanneum Research - Graz, AT), B. Schiele (TU Darmstadt, DE)

07381, 16.09.2007 - 21.09.2007
Cryptography
J. Blömer (Univ. Paderborn, DE), D. Boneh (Stanford University, US), R. Cramer (CWI - Amsterdam, NL), U. Maurer (ETH Zürich, CH)

07391, 23.09.2007 - 28.09.2007
Probabilistic Methods in the Design and Analysis of Algorithms
M. Dietzfelbinger (TU Ilmenau, DE), Shang-Hua Teng (Boston Univ., US), E. Upfal (Brown Univ. - Providence, US), B. Vöcking (RWTH Aachen, DE)

073919, 23.09.2007 - 28.09.2007
Algorithmic-Logical Theory of Infinite Structures
R. Downey (Univ. of Wellington, NZ), B. Khoussainov (Univ. of Auckland, NZ), D. Kuske (Univ. Leipzig, DE), M. Lohrey (Univ. Stuttgart, DE), M. Y. Vardi (Rice Univ., US)

07411, 07.10.2007 - 12.10.2007

Algebraic Methods in Computational Complexity
M. Agrawal (Indian Inst. of Technology - Kanpur, IN), H. Buhrman (CWI - Amsterdam, NL), L. Fortnow (Univ. of Chicago, US), Th. Thierauf (FH Aalen, DE)

07431, 21.10.2007 - 26.10.2007
Resilient and Survivable Networks, Infrastructure and Services
D. Hutchison (Lancaster Univ., UK), B. Plattner (ETH Zürich, CH), J. P.G. Sterbenz (Univ. of Kansas - Lawrence, US), H. de Meer (Univ. Passau, 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 Edinburgh, UK), M. Karpinski (Univ. Bonn, DE)

Status: March 2005. Current list: http://www.dagstuhl.de/Seminars/07/

2.2   GI-Dagstuhl Research Seminars

2005

05442, 30.10.2005 - 01.11.2005
GI-Dagstuhl-Seminar: "Verlässlichkeitsmetriken"
F.C. Freiling (RWTH Aachen, DE), R. Reussner (Universität Oldenburg, DE), I. Eusgeld (Universität Duisburg-Essen, DE)

05473, 22.11.2005 - 25.11.2005
GI-Dagstuhl-Seminar: "Algorithmen für Ad-Hoc und Sensornetze"
D. Wagner (Univ. Karlsruhe, DE), R. Wattenhofer (ETH Zürich, CH)

2006

06102, 05.03.2006 - 08.03.2006
GI-Dagstuhl-Seminar: "Human-Centered Visualization Environments"
A. Kerren (Univ. Kaiserslautern, DE), A. Ebert (Univ. Kaiserslautern, DE), J. Meyer (Univ. California - Irvine, US)

Status: March 2005. Current list: http://www.dagstuhl.de/Events/06/

2.3 Continuing Education/
Continuing Professional Development

2005

05153, 12.04.2005 - 15.04.2005
DIA-Seminar: Objektorientierte Konstruktionstechniken und Software-Architekturen
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin), H. Züllighoven (Hamburg)

05172, 25.04.2005 - 27.04.2005
DIA-Seminar: Usability Engineering: Entwicklung gebrauchstauglicher Software
W. Dzida (FhG AIS - St. Augustin), R. Freitag (FhG AIS - St. Augustin), T. Geis (TÜV Secure IT GmbH - Köln), W. Redtenbacher (Redtenbacher Software - Renningen)

05252, 19.06.2005 - 24.06.2005
Bundeswettbewerb Informatik: Deutsches IOI-Abschlusstraining
W. Pohl (GI, Bonn)

05352, 28.08.2005 - 03.09.2005
Wireless Sensor Networks and Smart Objects
F. Mattern (ETH Zürich, CH), K. Römer (ETH Zürich, CH)

05423, 18.10.2005 - 21.10.2005
DIA-Seminar: Objektorientierte Systementwicklung
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin), H. Züllighoven (Hamburg)

05493, 07.12.2005 - 09.12.2005
Lehrerweiterbildung in Informatik
Uwe Peters (LPM, Saarbrücken, DE)

05502, 11.12.2005 - 16.12.2005
CGAL-Meeting: Design and Implementation
L. Kettner (MPI Saarbrücken, DE)

2006

06213, 21.05.2006 - 24.05.2006
Ontological Spring II
B. Smith (IFOMIS, Univ. des Saarlandes, DE)

06222, 28.05.2006 - 02.06.2006
Bundeswettbewerb Informatik
W. Pohl (Bundeswettbewerb Informatik, DE)

06242, 11.06.2006 - 14.06.2006
DIA-Seminar: Objektorientierte Konstruktionstechniken und Software-Architekturen
R. Budde (Fraunhofer Inst. St. Augustin, DE), K.-H. Sylla (Fraunhofer Inst. St. Augustin, DE)

06292, 17.07.2006 - 21.07.2006
GK-Sommerschule "TrustSoft"

R. Reussner (Univ. Oldenburg, DE)

06502, 13.12.2006 - 15.12.2006
Lehrerweiterbildung in Informatik
Uwe Peters (LPM, Saarbrücken, DE)

Status: March 2005. Current list: http://www.dagstuhl.de/Events/06/

2.4   Other Events

**For information on the individual events, please refer to
http://www.dagstuhl.de/Events/05/ or /06/**

2005

05022, 09.01.2005 - 14.01.2005
Model-Based Development of Embedded Systems
T. Klein (Carmeq GmbH, DE), B. Rumpe (TU Braunschweig, DE), B. Schätz (TU München, DE)

05042, 23.01.2005 - 28.01.2005
OTEC Retreat Meeting
R. Koper (Open Univ, NL)

05043, 23.01.2005 - 26.01.2005
Kolloquium DFG SPP 1140 Vernetzte mobile Systeme
M. Zitterbart (Universität Karlsruhe, DE), P. Baumung (Universität Karlsruhe, DE)

05062, 06.02.2005 - 11.02.2005
International Project Meeting "Component Technology"
J. Schneider (Robert Bosch GmbH, Stuttgart, DE), P. Lutz (Robert Bosch GmbH, Frankfurt, DE)

05082, 25.02.2005 - 26.02.2005
AGILE-Treffen
Im Anschluss an Dagstuhl-Seminar 05081

05092, 27.02.2005 - 01.03.2005
DFG SPP 1083 "Intelligente Softwareagenten und betriebswirtschaftliche Anwendungsszenarien"
K.-H. Krempels (RWTH-Aachen, DE)

05102, 08.03.2005 - 11.03.2005
Software Libraries: Design and Evaluation
S. Schupp & T. Veldhuizen (Chalmers Univ., SE), J. Järvi (Texas A&M, Austin, US), A. Lumsdaine (Indiana Univ., Bloomington, US), D. Musser (Rensselaer Polytechnic, US)

05112, 17.03.2005 - 18.03.2005
Int. Graduiertenkolleg der TU Kaiserslautern
H. Hagen (TU Kaiserslautern, DE)

05122, 20.03.2005 - 23.03.2005
GIBU 2005: GI-Beirat der Universitätsprofessoren
B. Becker (Freiburg)

05132, 29.03.2005 - 01.04.2005

8th Int. DELOS Workshop: Future Digital Library Management Systems
H.-J. Schek (UMIT Innsbruck, AT) und Y. Ioannidis (University of Athens, GR), G. Weikum (MPI Informatik, Saarbrücken, DE)

05182, 01.05.2005 - 06.05.2005
Federation over the Web
K. Jantke (DFKI Saarbrücken, DE), N. Spyratos (Université Paris Sud, FR), Y. Tanaka (Hokkaido University - Sapporo, JP)

05212, 22.05.2005 - 25.05.2005
Gemeinsamer Workshop der Graduiertenkollegs
O. Spaniol (RWTH Aachen, DE)

05222, 29.05.2005 - 03.06.2005
OTEC Retreat Meeting
R. Koper (Open Univ, NL)

05263, 30.06.2005 - 02.07.2005
Data Management in a Connected World
T. Härder (TU Kaiserslautern, DE), Wolfgang Lehner (TU Dresden, DE)

05272, 05.07.2005 - 07.07.2005
Klausurtagung Telematik Karlsruhe
 M. Schöller (Univ. Karlsruhe, DE), M. Zitterbart (Univ. Karlsruhe, DE)

05282, 10.07.2005 - 15.07.2005
Language Technology & Cognitive Systems
M. W. Crocker (Universität des Saarlandes, DE)

05313, 31.07.2005 - 05.08.2005
International Project Meeting "Component Technology for Embedded Systems"
J. Schneider (Robert Bosch GmbH, Stuttgart, DE), P. Lutz (Robert Bosch GmbH, Frankfurt, DE)

05362, 03.09.2005 - 04.09.2005
DELIS-Meeting
St. Leonardi (Univ. of Rome, IT), F. Meyer auf der Heide (Univ. Paderborn, DE)

05372, 11.09.2005 - 14.09.2005
Klausurtagung SW-Systems-Engineering
K. Pohl, S. Reis (Universität Duisburg-Essen, DE)

05383, 19.09.2005 - 21.09.2005
Projektmeeting Internetökonomie
M. Schöller (Univ. Karlsruhe, DE), M. Zitterbart (Univ. Karlsruhe, DE)

05392, 26.09.2005 - 28.09.2005
Klausurtagung Lehrstuhl Studer
R. Studer (Univ. Karlsruhe, DE)

05403, 03.10.2005 - 06.10.2005
Klausurtagung Lehrstuhl Hartmut Schmeck
H. Schmeck (Universität Karlsruhe, DE)

05412, 09.10.2005 - 12.10.2005

Perspektiven im Bereich numerischer Einschliessungsverfahren
G. Bohlender (Univ. Karlsruhe, DE), R. Klatte (Univ. Karlsruhe, DE), W. Krämer (Univ. Wuppertal, DE)

05472, 25.11.2005 - 25.11.2005
Klausurtagung Exzellenzcluster "Dependable Adaptive Systems"
A. Poetzsch-Heffter (Universität Kaiserslautern, DE)

05482, 27.11.2005 - 30.11.2005
Evaluation Initiative for XML Document Retrieval
N. Fuhr (Univ. Dortmund,DE), M. Lalmas (Queen Mary University of London, UK)

05483, 30.11.2005 - 02.12.2005
DFG SPP "Sicherheit in der Informations- und Kommunikationstechnik"
G. Müller (Univ. Freiburg, DE), M. Gilliot (Univ. Freiburg, DE)

05492, 09.12.2005 - 10.12.2005
Klausurtagung FB Informatik, Univ. des Saarlandes
A. Zeller (Univ. des Saarlandes, DE)

05503, 11.12.2005 - 17.12.2005
Klausurtagung DFG-Forschungsgruppe Palladio Oldenburg
R. Reussner (Universität Oldenburg, DE)

2006

06022, 08.01.2006 - 13.01.2006
Model-Based Development of Embedded Systems
H. Giese (Uni Paderborn, DE), B. Rumpe (TU Braunschweig, DE), B. Schätz (TU München, DE)

06032, 15.01.2006 - 20.01.2006
OTEC Retreat Meeting
R. Koper (Open University, NL)

06042, 25.01.2006 - 28.01.2006
IFIP WG 2.11 "Program Generation"
J. Lawall (Univ. of Copenhagen, DK), C. Lengauer (Univ. Passau, DE), W. Taha (Rice University, US)

06043, 22.01.2006 - 27.01.2006
Perspectives on Computer Science Competitions for (High School) Students
W. Pohl (BW-Informatik, Bonn DE)

06052, 29.01.2006 - 03.02.2006
International Project Meeting "Component Technology for Embedded Systems"
D. Ziegenbein (Robert Bosch GmbH, Stuttgart, DE), P. Lutz (Robert Bosch GmbH, Frankfurt, DE)

06072, 14.02.2006 - 15.02.2006
Wissenschafts-Pressekonferenz
F. Meyer zu Tittingdorf (Kompetenzzentrum Informatik, Saarbrücken, DE)

06082, 19.02.2006 - 24.02.2006

Forschungsnetzwerk Didaktik der Informatik
J. Magenheim (Univ. Paderborn, DE)

06122, 19.03.2006 - 24.03.2006
OTEC Retreat Meeting
R. Koper (Open Univ, NL)

06152, 09.04.2006 - 12.04.2006
GIBU 2006: GI-Beirat der Universitätsprofessoren
B. Becker (Univ. Freiburg, DE)

06162, 19.04.2006 - 21.04.2006
Klausurtagung LST Zitterbart
M. Zitterbart (Univ. Karlsruhe, DE), Th. Gamer (Univ. Karlsruhe, DE)

06192, 12.05.2006 - 13.05.2006
MPI-Retreat
R. Wetzel, (MPI für Informatik, Saarbrücken, DE)

06202, 14.05.2006 - 19.05.2006
Grenzflächen der Informatik
B. Schinzel (Univ. Freiburg, DE)

06203, 18.05.2006 - 19.05.2006
IVS-Retreat
H. Hagen (Univ. Kaiserslautern, DE), S. Herzog (DFKI Kaiserslautern, DE)

06212, 21.05.2006 - 24.05.2006
Kolloquium zum GI Dissertationspreis
D. Wagner (Universität Karlsruhe, DE)

06243, 14.06.2006 - 16.06.2006
Int. Graduiertenkolleg der TU Kaiserslautern
H. Hagen (TU Kaiserslautern, DE)

06272, 05.07.2006 - 07.07.2006
Klausurtagung "Internet-Ökonomie"
 M. Zitterbart (Univ. Karlsruhe, DE), M. Schöller (Univ. Karlsruhe, DE)

06282, 09.07.2006 - 14.07.2006
ACS/CGAL Developer Meeting
M. Sagraloff (MPI für Informatik, Saarbrücken, DE), A. Meyer (MPI für Informatik, Saarbrücken, DE)

06312, 30.07.2006 - 04.08.2006
9th "Korean" Workshop on Computational Geometry and Geometric Networks
A. Wolff (Univ. Karlsruhe, DE), X. Goaoc (INRIA-Lorraine, Nancy, FR)

06382, 19.09.2006 - 22.09.2006
NSPW 2006: New Security Paradigms Workshop
A. Singer (UC San Diego, US), M. Franz (UC Irvine, US), C. W. Probst (TU of Denmark, DK)

06383, 20.09.2006 - 22.09.2006
Klausurtagung Lehrstuhl Studer

R. Studer (Univ. Karlsruhe, DE)

06392, 24.09.2006 - 29.09.2006
Aufgabenfelder und Methoden empirischer Forschung in der Informatikdidaktik
J. S. Magenheim (Univ. Paderborn, DE), S. Schubert (Univ. Siegen, DE)

06402, 01.10.2006 - 06.10.2006
OTEC Retreat Meeting
R. Koper (Open University - Heerlen, NL)

06412, 10.10.2006 - 13.10.2006
GI Fachgruppe "Mobilität und Mobile Informationssysteme" (MMS)
B. König-Ries (Universität Jena, DE)

06422, 15.10.2006 - 19.10.2006
Klausurtagung AG Schmeck
H. Schmeck (Univ. Karlsruhe, DE)

06452, 05.11.2006 - 08.11.2006
Graduate Schools Workshop on Dependability and Software Engineering
J. Happe, W. Hasselbring, H. Koziolek, M. Rohr, M. Uflacker, T. Warns (Universität Oldenburg, DE)

06512, 17.12.2006 - 20.12.2006
Evaluation Initiative for XML Document Retrieval
N. Fuhr (Univ. Dortmund,DE), M. Lalmas (Queen Mary University of London, UK)

Status: March 2005. Current list: http://www.dagstuhl.de/Events/06/

3. Dagstuhl Guests: Statistics
Breakdown According to Country of Origin in 2005

Graphic: page 16

Country	A	B	C	D
Germany	**629**	**606**	**1,235**	**4,133**
Belgium	33	4	37	169
Denmark	12	7	19	92
France	104	29	133	576
Finland	14	2	16	69
Greece	10	12	22	82
United Kingdom	134	31	165	757
Ireland	16	4	20	92
Italy	69	18	87	384
Netherlands	66	37	103	435
Norway	10	2	12	52
Austria	52	7	59	246
Poland	18	2	20	97
Russia	1	0	1	6
Sweden	23	6	29	119
Switzerland	29	17	46	191
Spain	26	4	30	145
Czech Republic	8	2	10	47
Other Europe	25	3	28	198
Europe	**650**	**187**	**837**	**3,757**
Canada	51	3	54	266
USA	398	35	433	2,010

Country	A	B	C	D
North America	**449**	**38**	**487**	**2,276**
India	2	0	2	9
Japan	28	12	40	183
Singapore	5	1	6	24
Other Asia	8	1	10	50
Asia	**43**	**14**	**58**	**266**
Australia	20	5	25	111
Brazil	4	2	6	28
Israel	52	4	56	261
New Zealand	9	0	9	44
Other	6	3	9	48
Rest of world	**91**	**14**	**105**	**492**
Total	**1,862**	**859**	**2,722**	**10,924**

A   Seminar participants

B   Participants of other events

C   Total guests

D   Total overnight stays

4.1. Comments of Seminar Participants

05011 "Computing and Markets" (03.01.- 07.01.2005)
Rudolf Müller, Maastricht University, NL

Besonders die Teilnehmer, die zum ersten mal Dagstuhl besuchten, waren begeistert über die ausgezeichnete wissenschaftliche Atmosphäre, die Sie und Ihre Mitarbeiter im Tagungszentrum schaffen. Erfahrene Dagstuhl und Oberwohlfach Besucher haben mir bestätigt, dass diese beiden Zentren die besten Tagungszentren der Welt sind. Diese Komplimente gebe ich gerne an Sie und Ihr Team weiter.

Ich darf Ihnen noch mitteilen, dass die Publikation der online Proceedings in Gang gesetzt ist.

Ich hoffe natürlich, dass es mir gelingt, mit einem neuen Team und einem neu ausgerichtetem Thema das Direktorium von Schloss Dagstuhl davon zu überzeugen, dass der so fruchtbare Dialog zwischen theoretischer Informatik, Spieltheorie, und Mikro-Ökonomie in ca. 2 Jahren im Rahmen eines Dagstuhl Seminars fortgesetzt werden kann.

05021 "Mathematics, Algorithms, Proofs" (09.01.-14-01.2005)
From the "Executive Summary" of the Dagstuhl Seminar Proceedings

We would like to thank the team of Schloss Dagstuhl. The exceptional working condition we enjoyed there played an important part in the success of this meeting.

05151 "Annotating, Extracting and Reasoning about Time and Events"
(10.04.-15.04.2005)
Graham Katz, Universität Osnabrück, DE

As one who had the exceptional opportunity to stay in the Dagstuhl Castle for an extra unencumbered weekend recently – between the advisory board meeting on Friday and the beginning of our Seminar on "Annotating, Extracting and Reasoning about Time and Events" on Sunday evening – I would like to express my appreciation of the Dagstuhl Centre. I have never found a place so amenable to thinking and writing. The library's excellent collection is a spur to the intellect, the artwork throughout the Centre a spark to one's creativity and the peace and calm of the setting a balm for the otherwise frequently embattled academic soul. In short it's a great place to do research.

The Centre felt very much like the ideal academic home-away-from-home, and in fact, I began to wonder whether the idea had ever been broached of a researcher-in-residence program. While likely incompatible with the structure of the Centre, it would certainly be wonderful to have the opportunity to retreat to an environment so well outfitted as the Dagstuhl Centre in order to write and think. I dare say that many a Forschungssemester would be significantly enriched by a few weeks at the Centre. Perhaps such an idea might be considered for the long term planning of the Centre.

With regard to our seminar, I think we all agreed that its success was very much contingent upon its having been held at Dagstuhl. The ordered informality of the Centre meshed perfectly with the mood of our participants and led to significant cross-disciplinary discussion which elsewhere would never have come about.

The Centre apparently encourages both serious discussion and the kind of intellectual play that often leads to the best new ideas. I, for one, and as rested, able to return, renewed, to the day-to-day of university life, as I did this week. For that I would like to thank the Dagstuhl staff.

Best of luck for the future of the IBFI.

05191 "Graph Drawing" (08.05.-13-05.2005)
Rainer Koschke, Univ. Bremen, DE

Jeder Informatiker sollte einmal nach Dagstuhl. Das ist wie Mekka.

05221 "Geometric Modelling " (29.05.- 03.06.2005)
From the „Report of the Dagstuhl Seminar"

The organizers would like to thank the team of Schloss Dagstuhl for helping to make this workshop a success. As always, we enjoyed the warm atmosphere of the Schloss, which supports formal discussions along with informal exchanges of ideas.

05271 "Semantic Grid: The Convergence of Technologies" (03.07.- 08.07.2005)
From the "Report on the Dagstuhl Seminar"

Highlights of the week included endless in-depth discussions at the atmospheric wine cellar, bicycle excursions to the nearby forests, the traditional "Wednesday-excursion" which consisted of a visit of the Villeroy & Boch museum, a boat-trip on the river Saar, a stop-over at the beautiful Saarschleife and a wine-tasting, an finally the marvellous "Thursday-barbecue" with local draught beer which culminated in the famous "lounge party" featuring lively dancing, art performance, and ontology engineering. The lounge party truly showed the convergence of communities as seminal work on an ontology about Virtual Organisations was jointly performed by Grid and Semantic Web people. We also thank the people at Schloss Dagstuhl for keeping our work focused by providing very pleasant surrounding and perfect service.

05271 "Semantic Grid: The Convergence of Technologies" (03.07.- 08.07.2005)
York Sure, Univ Karlsruhe, DE

Schloss Dagstuhl seminars are incredibly cool – you get to spend a week being pampered in an environment where your only worry is thinking. It has the best CS library I have come across. And its really cheap!

05371 "Principles and Practices of Semantic Web Reasoning"
(11.09. – 16.09.2005)
Uta Schwertel, Ludwig-Maximilians-Univ. München, DE

Ihre gute Organisation ermöglichte es uns, uns auf unsere Diskussionen und Vorträge zu konzentrieren und dadurch ein sehr erfolgreiches Seminar abzuhalten.

Von sehr vielen Teilnehmenden am Seminar habe ich auch das Feedback bekommen, dass Ihre Organisation und Ihre Räumlichkeiten sehr positiv empfunden wurden, ideal um gute Arbeit zu leisten.

05421 "Data Always and Everywhere" (16.10.-21.10.2005)
Goetz Graefe, Microsoft Research, Redmond, US

Ich habe bei dem Seminar einiges gelernt und freue mich auf die nächste Gelegenheit.

05501 "Automatic Performance Analysis" (12.12.-16.12.2005)
Michael Gerndt, TU München, DE

Wie auch bei anderen Seminaren hinterließ auch dieses Seminar bei allen Teilnehmern einen sehr positiven Eindruck. Hierzu trägt vor allem die freundliche und offene Atmosphäre im Haus wesentlich bei. Als Organisatoren wissen wir natürlich die immer freundliche und professionelle Hilfe bei der Vorbereitung und Durchführung eines solchen Seminars zu schätzen.

05501 "Automatic Performance Analysis" (12.12.-16.12.2005)
Barton Miller, University of Wisconsin- Madison, US

Dagstuhl is a superb place to conduct a meeting and we always appreciate having the opportunity to organize or attend such a meeting.

4.2. Comments: Participants of Other Events

05062 „ International Project Meeting Component Technology"
(06.02. – 11.02.2005)
Rahul Kapoor, Robert Bosch Corporation, Pittsburgh, PA, US

I think it is a very nice place to promote creative thinking.

Dirk Ziegenbein, Robert Bosch GmbH, Stuttgart, DE

Alles in allem, habe ich noch keine produktivere Umgebung erlebt.

Martin Herrmann, Robert Bosch GmbH, Stuttgart, DE

Ich bin sehr begeistert von dieser Einrichtung, die Unterbringung, das sehr gute Essen, das Ambiente und die komplette Ausstattung ergeben einen perfekten Tagungsort.

Jörn Schneider, Robert Bosch GmbH, Stuttgart, DE

Ablauf und Einrichtung zielen auf das Wesentliche: ein Ambiente zur intensiven Projektklausur. Kurz: Kopf und Magen, Seele und Geist wurden in erfrischender Weise stimuliert.

05102 „ Software Libraries:Design and Evaluation " (06.02. – 11.02.2005)
Todd Veldhuizen, Indiana University, Bloomington, IN, US

Thanks so much to you and everyone at Dagstuhl for helping us to organize our workshop. Everything – the facilities, the food, the building, the surroundings – was excellent and made an ideal setting for our meeting, which was very productive.

05209 „ Forschungsaufenthalt " (17.05. – 01.08.2005)
Vahur Kotkas, Tallin University of Technology, Tallin, EE

Now, after being two weeks in Dagstuhl I would like to express my gratitude to You for allowing me to work here. The rooms are clean and quiet (excluding the bird song ;)), the personell is nice and helpful. Everything one can think of is at hand. Each week come new interesting people to communicate with. This is truly the best place to get some work done!

05212 „ Gemeinsamer Workshop der Graduiertenkollegs " (22.05. – 25.05.2005)
Otto Spaniol, RWTH Aachen, DE

Die Teilnehmer am GK-Workshop waren begeistert von der Dagstuhl-Atmosphäre und haben das immer wieder zum Ausdruck gebracht. Vielen Dank dafür, dass uns diese Veranstaltung ermöglicht wurde (und auch in den Folgejahren wieder ermöglicht werden soll). Ich glaube wir hatten die zahlenmäßig größte Gruppe, die jemals in Dagstuhl war; ein spezieller Rekord.

05352 „ Summer School: Wireless Sensor Networks and Smart Objects "
(28.09. – 03.10.2005)
Friedemann Mattern, ETH Zürich, CH

Letzte Woche hatten wir unsere Summer School in Dagstuhl; es war ein voller Erfolg!

Ich möchte mich, auch im Namen meines Mitorganisators Kay Römer, bei Ihnen für die Unterstützung während der Vorbereitung bedanken; es war wirklich toll, dass wir Schloss Dagstuhl wieder für eine solche Veranstaltung nutzen konnten!

Bitte geben Sie meinen Dank auch an die anderen Beteiligten weiter; über die Organisation vor Ort, natürlich auch die Küche und die hilfreichen Damen an der Rezeption, habe ich viel Löbliches von den Teilnehmern gehört! Vielleicht freut sich auch Prof. Wilhelm zu hören, dass Schloss Dagstuhl bei den rund 60 Doktoranden (und natürlich auch den Referenten!) so gut ankam. Für mich selbst war es auch sehr schön, für eine Gruppe wirklich engagierter und interessierter junger Leute eine solche Veranstaltung in dieser Umgebung bieten zu können.

05352 „ Summer School: Wireless Sensor Networks and Smart Objects "
(28.09. – 03.10.2005)
Kay Römer, ETH Zürich, CH

Ich würde mich wirklich freuen, eine ähnliche Veranstaltung in Zukunft wieder organisieren zu dürfen.

5. Schloss Dagstuhl Computer Science 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.