SCHLOSS DAGSTUHL

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

Annual Report

January - December 2003

2004

Schloss Dagstuhl

Annual Report

January – December 2003

1. The International Conference and Research Center for Computer Science in 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 computer science, support leading-edge continuing education, and promote the exchange of knowledge and findings between academia 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 computer science. The seminars enable new ideas to be showcased, topical problems to be discussed, and the course to be set for future development in this 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 only possible by way of personal invitation by the Center. The researchers invited to a seminar are asked to report from their latest research and findings.

The seminars generally last one week. The Center assumes part of the associated costs in order to enable young, promising scientists and students to participate. Schloss Dagstuhl is also a research center, which means that it consists of more than just conference rooms and accommodation. 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, computing equipment rooms, a spacious research library and 60 accommodation units — singles for the most part but also a couple of doubles and three studio apartments.

Every year Dagstuhl Seminars are booked at the Center for 35 to 40 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 often available for other computer science 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 which is applicable to all the offerings: They have to be related to computer science.

1. 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.

The visitor can also fly in to the Saarbrücken-Ensheim and Luxembourg Airports, however these options are chosen very rarely owing to the poor choice of international connections and extended taxi drives. Some guests fly in via Frankfurt Hahn Airport (Hunsrück). However, bus connections are available only from Monday to Saturday, meaning it can't be used by the seminar participants as they usually arrive on Sunday.

1.2. 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. The Center is funded by the state governments of Saarland and Rhineland Palatinate. Three internationally renowned research societies will soon be admitted to the non-profit organization:

- Max Planck Society, represented by the Max Planck Institute for Computer Science, of Saarbrücken, Germany (abbreviated below as "MPI Saarbrücken")
- French National Institute for Research in Computer Science and Control (INRIA), of Rocquencourt, France
- Dutch National Research Institute for Mathematics and Computer Science (CWI), of Amsterdam, Netherlands

In February and September of 2002, the Center was evaluated by the *Wissenschaftsrat* (German Science Council) at the request of the two state governments 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 will start in 2006.

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

1.3. Dagstuhl Bodies

There have been a number of structural changes in the Center's statutory bodies and staff as a result of being included in the Blue List and being expanded. As a consequence, there are now two additional deliberative bodies since January of 2003 (for the body members, see Annex 1):

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 2 years and draft a status report including position paper and recommendations for the senate committee of the Federal Government–State Commission.

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, as a promotional organization, expanding the Center's economic base. The task of the members of the curatorial board is to promote current R&D topics and to locate attractive organizers in industry and provide program planning suggestions.

There continue to be bodies who are responsible for all of the Center's activities:

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 legal, meaningful 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 state governments (Saarland and Rhineland-Palatinate) who fund the Center. 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 program. It reviews the applications 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 events when individual computer science fields are not well represented and develops new event concepts.

The Scientific Directorate is comprised of one computer science professor each from the university associate members and four delegates of the GI's Executive Board. Of these individuals, two are nominated by the GI's Advisory Board of University Professors (GIBU), which is independent of the GI's Executive Board. The Directorate's membership currently numbers 11 members, however it will comprise 14 members when the Center is expanded.

The members elect a Scientific Director from among its members. The members and the scientific director hold office for three years. Professor Reinhard Wilhelm has been the Center's Scientific Director since its founding.

1.4. Sponsors and Donors of the Center

The Center receives funding from other sources in addition to the funding received from the state governments of Saarland and Rhineland-Palatinate, the latter accounting for 78% of the Center's total funding:

Research Library

The major portion of funding goes to the Computer Science Research Library, which received regular book donations from the following publishers during 2003:

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

Individual donations came from the following publishers: Elsevier und Wiley-VCH. The library also regularly receives 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 1089 volumes during the year under review in the form of donations from publishing houses and seminar participants.

EU Funding

During the year under review, 24 Dagstuhl Seminars and 2 summer schools were recognized as Euroconferences, thus receiving funding from the European Union's HLSC program (HLSC = *High Level Scientific Conferences*) program. For an individual event this means that EU funding enables young scientists, keynote speakers and organizers to be invited. It also means that travel and accommodation expenses can be financed via the program for participants from countries associated with the EU. EU funding has become a mainstay for promoting the up-and-coming generation of computer scientists.

1.5. Schloss Dagstuhl Computer Science Center Foundation

A foundation was organized as 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 would otherwise not be able to participate because they cannot afford the traveling expenses.

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 show their appreciation of the Dagstuhl concept and the Center's work by contributing to the Dagstuhl Foundation or sponsoring individual Dagstuhl Seminars. The widespread positive response to the Dagstuhl Seminars is proof of their high renown. Companies sponsoring Dagstuhl Seminars are afforded the opportunity of sharing in this renown.

Sizable contributions are given honorable mention via the Dagstuhl website and other media (Example: http://www.dagstuhl.de/03091/).

The following two seminars were sponsored by industry in 2003:

- **IBM Research:** *"Program Analysis for Object-Oriented Evolution"* (03091, 23–28 February 2003), F. Tip (IBM T.J. Watson Resource Center, USA), G. Snelting (University of Passau, Germany), Ralph E. Johnson (University of Illinois, USA)

- **Xilinx, Inc., San José, CA, PACT XPP Technologies, Munich, Germany, and Quicksilver Inc., San José, CA, USA**: *"Dynamically Reconfigurable Architectures"* (03301, 20–25 July 2003), P. Athanas (Virginia Tech, VA, USA), J. Becker (University of Karlsruhe, Germany), G. Brebner (Xilinx Inc., San José, CA, USA), H. ElGindy (University of New South Wales, Sydney, Australia)

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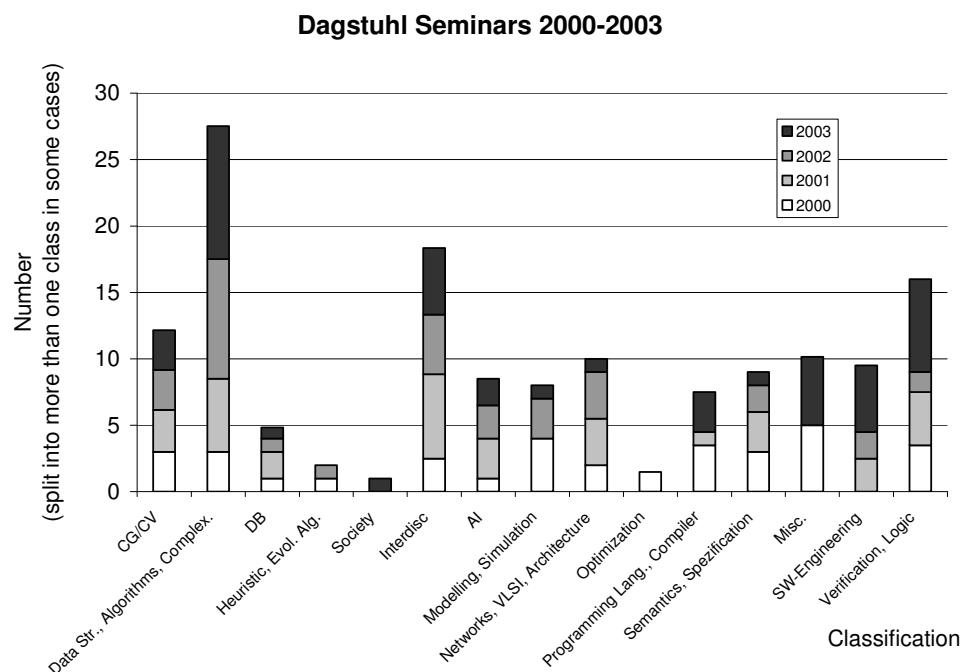
Please refer to Annex 5 for the articles of incorporation of the Schloss Dagstuhl Computer Science Center Foundation.

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 computer science 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 2003-2005 Dagstuhl Seminar program is to be found in Annex 2. It is also available on the Center's website along with a wealth of other information on events and participants. A wide range of topics are covered as depicted in the following chart:

Dagstuhl Seminars 2000-2003

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)
◊ **Socionics**
    Social Science Microsimulation (1995)
◊ **Discrete Tomography** (1997)
◊ **Quantum Computing** (1998)
◊ **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.

◊ **Mathematics**
    Discrete Tomography
    Generic Programming
    Topology in Computer Science
◊ **Physics**
    Algorithmic Techniques in Physics
◊ **Linguistics**
    Natural Language Processing
    Tree Adjoining Grammars
    Universals in the Lexicon
◊ **Sociology**
    Social Science Microsimulation
◊ **Technology & Engineering**
    CAD Tools for Products
    Parallel Processing in the Engineering Sciences
◊

2.2. Perspectives Workshops

The Dagstuhl Seminars are supplemented by forums, which are conducted 2-3 times a year. The forums focus on subfields or are interdisciplinary. The forums are designed to

- contribute to an analysis of a field
- tap into potentials and development perspectives of existing fields of research
- detect shortcomings and problematic developments
- show research directions
- trigger innovation processes

These forums may generate recommendations for donors and sponsors and give impetus to research projects and Dagstuhl seminars for key computer science areas.

For the most part, the forum participants are 10-20 scientists of international standing in their respective fields who cover all subfields and subaspects. 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.

Comprehensive Perspectives Workshops showing the entire spectrum of computer science and enabling an exchange of ideas between various fields are conducted every 2 years. The last one took place in November of 2001.

One of these events was sponsored by the DFG in 2003 as a "roundtable talk".

2.3. Other Events

Other events are hosted at the Center apart from the Dagstuhl Seminars. In contrast to the 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 extends to the following:

- Continuing education offerings of the German Informatics Society (GI) and German Computer Science 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, ESPRIT projects, GI specialist groups and other academic and industrial working groups

- International computer science conferences
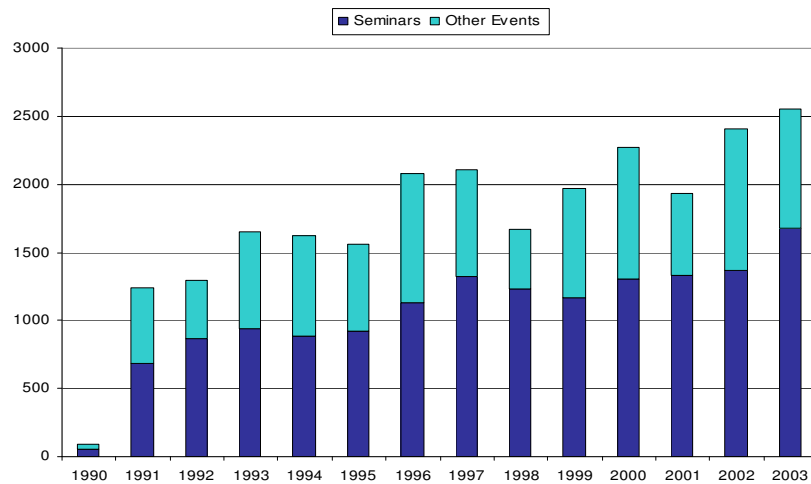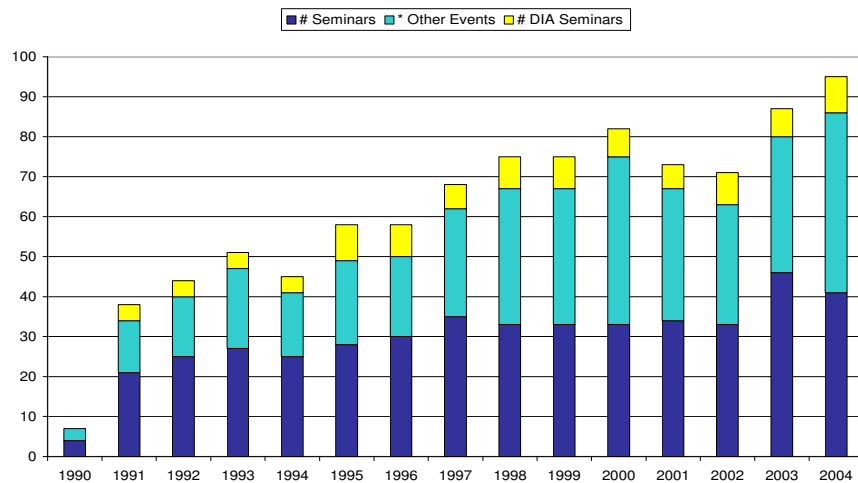
2.4. Research Stays

Many people regularly take advantage of Dagstuhl's offer of using the Center for research stays.

2.5. Utilization of the Center
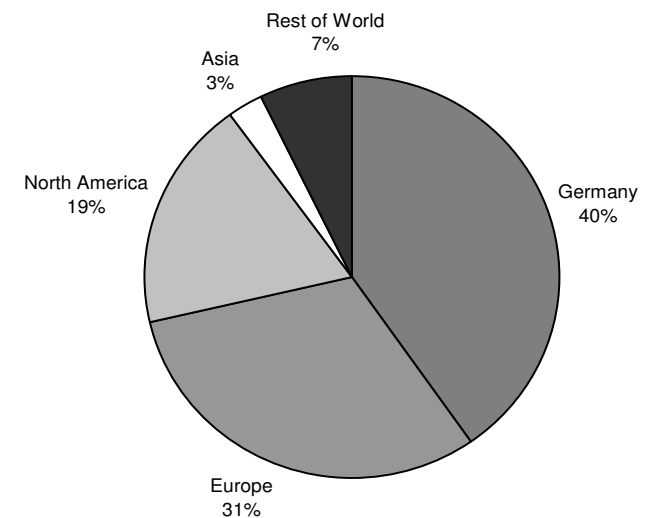
The following two diagrams show usage figures according to events and participants since the Center was founded, along with a breakdown according to the different event types. For more particulars (date, title, organizer, etc.) on the various events of 2003, 2004 and 2005, please refer to the Annex. 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.

Two or three parallel events are scheduled during a number of weeks. 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 mid 2005. (status as of 15 March 2004)

Dagstuhl Participants 1990 - 2003

Seminars and Workshops in Dagstuhl 1990 - 2004

2.6.   Participants

At 64% the proportion of foreign guests in Dagstuhl Seminars was extremely high again during the year under review, as compared to an overall proportion of 48% in other types of events (other European countries: 33% and 26% respectively). The following chart shows the distribution according to area of origin of our guests in 2003.

For a detailed breakdown of the countries of origin of all the participants of Dagstuhl events, please refer to Annex 2.

Origin of Dagstuhl Seminar Participants 2003

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 computer science 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 the 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 a beamer to which various computers and video systems can be connected and 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 conducted to large audiences.

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.

The following equipment and systems were added in 2003:

Like the computer room in the new building, the second computer room in the old building was also equipped with SunRay thin clients. In so doing, another step was made toward implementing a thin client infrastructure throughout the Center.

WLAN

A wireless LAN was set up in the old building, enabling the guest rooms and some of the function rooms to be networked and provided with Internet access. This is available to guests assuming their laptops are equipped with the proper PCI card.

Year under review 2003:

The WLAN was extended to the library in the new building, now providing for a large number of laptop places featuring Internet access. Researching the library's on-line catalogue can now be conveniently done from one's own laptop.

For 2004 plans have been made to extend the WLAN in the guest room tract in the new building.

Terminal servers

A terminal server solution under Windows 2000 with a Citrix metaframe was implemented for improving the integration of staff, particularly those in 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.

Server consolidation and central memory management

The primary objective was to centralize the distributed "network memory", i.e. the hard disk space administered by the various servers and shared in the network (for Windows and Unix). This task is now performed by two servers which access a fiber channel hard disk array. These servers form a cluster, in so doing providing for high availability and performance. This cluster is directly linked to the internal network, thus forming a network attached storage (NAS). In opting for a fiber channel hard disk array with the associated components in two servers, the system is equipped for future integration a storage array network (SAN).

3.3. Research 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 computer science research libraries.

The library collects current research literature on computer science, primarily in English. As of 31 December 2003, the library's assets totaled 45212 bibliographic units including 419 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.

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 computer science 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. Publications

As mentioned above, no finished work or projects are presented at Dagstuhl Seminars, but rather the seminars serve to provide insight in ongoing research. Consequently, as a rule proceedings volumes are not published on the seminars. Instead the participants are called upon to submit abstracts on their papers or talks as well as on key discussions and round-table talks, which are then complemented by a review and outlook contributed by the organizers and then published as a *Seminar Report* by the Center. Until 1999 the reports were printed and distributed as brochures. Since 2000 they are available in electronic form only and can be retrieved via the seminar page of Dagstuhl's web server. (see ftp://ftp.dagstuhl.de/pub/Reports/)

Starting in 2003, more comprehensive proceedings have been published online. In addition to the description of the seminar and abstracts of the talks given the participants can also upload complete documents to the server. With the Dagstuhl Research Online Publication Server, a.k.a. DROPS, a new platform will be created in 2004 which will be capable not only of accommodating the "Dagstuhl Seminar Proceedings" but other publications as well. For more information, see http://www.dagstuhl.de/DROPS/

Monographs, conference reports or special issues are published by many journals on some of the seminars. This is frequently also done for the other events. The list of publications known to 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.

3.5. Internet Offerings

Content and objectives of the Center's web offerings:

- *Dissemination of general information* on the Center,
  e.g. concept, program, application particulars, 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 applications 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. Most webpages are in English and German. Each seminar has a page of its own featuring a motivation text, list of participants, links to publications, etc. These pages also offer the participants a platform where they can upload and administer material on the seminar (slides, documents) or their presentation.

3.6. 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.

3.7. 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 2003:

11 December 2003 – 27 February 2004
    "Works of students of Prof. Sigurd Rompza's Studio at the College of
    Fine Arts of Saarland" (in Saarbrücken)

11 September – 31 October 2003
    Lukas Kramer (Saarbrücken)

12 May – 25 July 2003
>"Fraktur" — Landesarbeitsgemeinschaft Frauen in Kunst und Kultur im Saarland e.V.

10 March – 8 May 2003
>Maria Satter (Saarbrücken)

6 January – 7 March 2003
>Baik-ran Kim-Turac (Paderborn)

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 as of 31 December 2003)

Supervisory Board

Representatives of the Associates:

Prof. Dr. Jürgen Avenhaus, University of Kaiserslautern
      Representative of the University of Kaiserslautern

Jörg Maas, Gesellschaft für Informatik e.V. (GI), Bonn
      GI representative

Prof. Dr. Heinrich C. Mayr, University of Klagenfurt
      GI representative

Prof. Dr. Erhard Plödereder, University of Stuttgart
      Representative of the University of Stuttgart

Prof. Dr. Peter H. Schmitt, University of Karlsruhe
      Representative of the University of Karlsruhe

Prof. Dr. Heinz G. Schwärtzel, Munich, Chairman
      GI representative

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

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

**Prof. Dr. Margaret Wintermantel, University of Saarland; Deputy
Chairman**
      Representative of Saarland University

Representatives of the state governments:

Wolfgang Habelitz, Ministry for Science & Continuing Education, Mainz
      Representative of Rhineland-Palatinate

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

Scientific Directorate

Prof. Dr. Thomas Beth, University of Karlsruhe
      Representative of the University of Karlsruhe

Prof. Dr. Oswald Drobnik, University of Frankfurt
      Representative of the University of Frankfurt

Prof. Dr. Klaus Madlener, University of Kaiserslautern
      Representative of the University of Kaiserslautern

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

Prof. Dr. Horst Reichel, Technical University of Dresden
      GI representative (Executive Board)

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. Ingo Wegener, University of Dortmund
      GI representative (GI Advisory Board of University Professors)

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

Scientific Advisory Board

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

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

Gilles Kahn, *Directeur Scientifique*, INRIA
      Member of the Scientific Advisory Board of France Télécom

Kurt Mehlhorn, Vice-Chairman of the Max Planck Society
      **Director of the Max Planck Institute for Computer Science, of
Saarbrücken**

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

Dorothea Wagner, University of Konstanz, Chairwoman
      Executive Board member of the German Informatics Society (GI)
      **Spokesperson of the GI Advisory Board of university professors
(GIBU)**

Industrial Curatory Board

**Franz-Josef Fritz, Vice President, Technology Architecture and Product
Mangement, SAP AG, Walldorf**

**Matthias Jarke, Aachen University of Technology (also member of the
Scientific Advisory Board)**
      Vice-Chairman of the German Informatics Society (GI)

**Herbert Kircher, Executive Manager of IBM Deutschland Entwicklung
GmbH**

Sönke Mehrgardt, Chief Technology Officer, Infineon, Munich

**Wolfgang Merker, Head of the Information and Communication Research
Unit of DaimlerChrysler AG, Berlin**

Dieter Schütt, Corporate Technology Dept., Siemens AG, Munich

2.1 Dagstuhl Seminars

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

2003

03021, 5 – 10 January 2003
Verification and Constructive Algebra
T. Coquand (Chalmers UT, Gothenberg, Sweden), H. Lombardi (Univ. de Franche Comte, France), M.-F. Roy (IRMAR, Rennes, France)

03041, 19 – 24 January 2003
Numerical Software with Result Verification
R. Alt (LIP, Paris, France), A. Frommer (Univ. of Wuppertal, Germany), R.B. Kearfott (Univ. of Louisiana at Lafayette, LA, USA), W. Luther (Univ. of Duisburg, Germany)

03051, 28 – 31 January 2003
Information and Process Integration: A Life Science Perspective
J.-C. Freytag (HU-Berlin, Germany), T. Etzold (LION Bioscience Ltd., Cambridge, UK), C. Goble (Univ. of Manchester, UK), P. Schwarz (IBM Almaden, USA), R. Apweiler (EBML-EBI, Cambridge, UK)

03061, 2 – 7 February 2003
Software Architecture Recovery and Modelling
A. v. Deursen (CWI Amsterdam, Netherlands), Rick Kazman (CMU Pittsburgh, USA), Rainer Koschke (Univ. of Stuttgart, Germany)

03071, 9 – 14 February 2003
Emerging Technologies: Can Optimization Technology Meet Their Demands?
T. Conte (North Carolina State Univ., USA), C. Eisenbeis (INRIA Rocquencourt, France), M.L. Soffa (Univ. of Pittsburgh, USA)

03081, 16 – 21 February 2003
Objects, Agents and Features
H.-D. Ehrich (Univ. of Braunschweig, Germany), J.-J. Meyer (Utrecht, Netherlands), M. Ryan (Univ. of Birmingham, UK)

03091, 23 – 28 February 2003
Program Analysis for Object-Oriented Evolution
F. Tip (IBM T.J. Watson Res. Center, USA), G. Snelting (Univ. of Passau, Germany), R. Johnson (Univ. of Illinois, USA)

03101, 2 – 7 March 2003
Reasoning about Shape
M Müller-Olm (Univ. of Dortmund, Germany), H. Riis Nielson (DTU Lyngby, Denmark), D. Schmidt (Kansas St. Univ., USA)

03111, 9 – 14 March 2003
Challenges in High Performance Simulations for Science and Engineering
U. Rüde (Univ. of Erlangen-Nürnberg, Germany), F. Hoßfeld (Jülich Research Center, Germany), P. Langtangen (Univ. of Oslo, Norway), Ch. Johnson (Univ. of Utah, USA)

03112, 10 – 13 March 2003
Perspectives Workshop "Multimedia Retrieval"
M. Clausen (Univ. of Bonn, Germany), R. Klein (Univ. of Bonn, Germany), I. Witten (Waikato Univ., Hamilton, New Zealand)

03121, 16 – 21 March 2003
Computational Geometry
D. Halperin (Tel Aviv Univ., Israel), G. Rote (FU Berlin, Germany)

03131, 23 – 28 March 2003
Domain-Specific Program Generation
D. Batory (UT at Austin, USA), C. Consel (LaBRI, Bordeaux, France), C. Lengauer (Univ. of Passau, Germany), M. Odersky (EPFL, Lausanne, Switzerland)

03141, 30 March – 4 April 2003
The Propositional Satisfiability Problem – **Algorithms and Lower Bounds**
A. Goerdt (TU of Chemnitz, Germany), P. Pudlak (Acad. of Sciences, Prague, Czech Republic), U. Schöning (Univ. of Ulm, Germany), O. Watanabe (Tokyo Inst. of Technology, Japan)

03151, 7 – 10 April 2003
Product Family Development
G. Böckle (Siemens, Munich, Germany), P. Knauber (FH Mannheim, Germany), F. van der Linden (Philips, Eindhoven, Netherlands), L. Northrop (SEI, Carnegie Mellon Univ., USA), K. Pohl (Univ. of Duisburg-Essen, Germany)

03171, 21 – 25 April 2003
Deduction and Infinite-state Model Checking
D. Kapur (Univ. of New Mexico, USA), A. Podelski (MPI Saarbrücken, Germany), A. Voronkov (Univ. of Manchester, UK)

03181, 27 April – 2 May 2003
Kolmogorov Complexity & Applications
B. Durand (Marseille, France), L.A. Levin (Boston Univ., USA), W. Merkle (Heidelberg, Germany), A. Shen (Moscow, Russia), P. Vitanyi (CWI & Univ. of Amsterdam, Netherlands)

03191, 4 – 9 May 2003
Conceptual, Technological, and Organizational Aspects of Electronic Learning
C. Haythornthwaite (Univ. of Illinois, Urbana-Champaign, USA), W. Stucky (Univ. of Karlsruhe, Germany), G. Vossen (Univ. of Münster, Germany)

03201, 11 – 16 May 2003
Probabilistic Methods in Verification and Planning
C. Boutilier (Toronto, Canada), B. Haverkort (RWTH Aachen, Germany), M. Kwiatkowska (Univ. of Birmingham, UK), M. Vardi (Rice Univ., USA)

03211, 18 May - 23 May 2003
Adaptivity in Parallel Scientific Computing
I. Banicescu (Mississippi State Univ., USA), K. Pingali (Cornel Univ., USA), T. Rauber (Univ. of Bayreuth, Germany), G. Rünger (TU of Chemnitz, Germany)

03231, 1 June - 6 June 2003
Scientific Visualization: Extracting Information and Knowledge from Scientific Data Sets
G.-P. Bonneau (IMAG Grenoble, France), T. Ertl (Univ. of Stuttgart, Germany), G. M. Nielson (Arizona State Univ., USA)

03241, 9 – 13 June 2003
Inconsistency Tolerance in Database, Knowledgebase and Software Systems
L. Bertossi (Carleton Univ., Canada), P. Besnard (Univ. of Toulouse, France), A. Hunter (Univ. College London, UK), T. Schaub (Univ. of Potsdam, Germany)

03261, 22 – 27 June 2003
Plan-Based Control of Robotic Agents
M. Beetz (TU of Munich, Germany), J. Hertzberg (Fhg - AIS, Bonn, Germany), M. Ghallab (LAAS Toulouse, France), M. Pollack (Univ. of Michigan, Ann Arbor, MI, USA)

03271, 29 June – 4 July 2003
Hierarchical Methods in Computer Graphics
M. Gross (ETH Zürich, Switzerland), D. Manocha (UNC at Chapel Hill, NC, USA), H. Müller (Univ. of Dortmund, Germany), H.-P. Seidel (MPI Saarbrücken, Germany)

03281, 6 – 11 July 2003
Embodied Artificial Intelligence
V. Hafner (Univ. of Zurich, Switzerland), F. Iida (Univ. of Zurich, Switzerland), Y. Kuniyoshi (Tokyo Univ., Japan), R. Pfeifer (Univ. of Zurich, Switzerland), L. Steels (Free Univ. and Sony Lab, Brussels, Belgium)

03291, 13 – 18 July 2003
Algorithmic Game Theory and the Internet
M. Karpinski (Univ. of Bonn, Germany), C. Papadimitriou (UC Berkeley, USA), V. Vazirani (Georgia Tech, USA)

03301, 20 – 25 July 2003
Dynamically Reconfigurable Architectures
P. Athanas (Virginia Tech, USA), J. Becker (Univ. of Karlsruhe, Germany), G. Brebner (Xilinx Inc., San José, CA, USA), H. ElGindy (Univ. of New South Wales, Sydney, AU)

03311, 27 July – 1 August 2003
Fixed Parameter Algorithms
M. Fellows (Univ. of Newcastle, Australia), M. Hallett (McGill Univ. of Montreal, Canada), R. Niedermeier (Univ. of Tübingen, Germany), N. Nishimura (Univ. of Waterloo, Canada)

03321, 3 – 7 August 2003
Internet Economics
B. Stiller (ETH Zürich, Switzerland & UniBW München, Germany), L. McKnight (Tufts Univ & MIT, USA), M. Karsten (Univ. of Waterloo, Canada), P. Reichl (Telecom Res. Center, Vienna, Austria)

03351, 26 – 29 August 2003
Perspectives Workshop: "Software Optimization"
S. Graham (UC Berkeley, USA), R. Wilhelm (Saarland Univ., Germany)

03361, 31 August – 5 September 2003
Algorithmic Aspects of Large and Complex Networks
M. Adler (Amherst MA, USA), F. Meyer auf der Heide (Univ. of Paderborn, Germany), D. Wagner (Univ. of Karlsruhe, Germany)

03362, 31 August – 5 September 2003
Data Quality on the Web
M. Gertz (UC Davis, USA), T. M. Özsu (Univ. of Waterloo, Canada), G. Saake (Univ. of Magdeburg, Germany), K.-U. Sattler (Univ. of Magdeburg, Germany)

03371, 7 – 12 September 2003
Scenarios: Models, Transformations and Tools
F. Bordeleau (Carleton Univ., Ottawa, Canada), S. Leue (Univ. of Freiburg, Germany), T. Systä (Tampere Univ. of Technology, Finland)

03381, 14 – 19 September 2003
New Optimization Algorithms in Physics
H. Rieger (Saarland Univ., Germany), A. Hartmann (Univ. of Göttingen, Germany), K. Mehlhorn (MPI Saarbrücken, Germany)

03391, 21 – 26 September 2003
Graph Colorings
J. Nesetril (Charles Univ., Prague, Czech Republic), G. Woeginger (Univ. of Twente, Netherlands)

03401, 28 September – 3 October 2003
Computational Cartography and Spatial Modelling
P. van Oosterom (Delft Univ. of Technology, Netherlands), M. Sester (Univ. of Hannover, Germany), J. Snoeyink (UNC Chapel Hill, USA), M. Worboys (Univ. of Maine at Orono, USA)

03411, 5 – 10 October 2003
Language-Based Security
A. Banerjee (Kansas State Univ., USA), H. Mantel (DFKI Saarbrücken, Germany), D. Naumann (Stevens Inst. of Techn., Hoboken, NJ, USA), A. Sabelfeld (Cornell Univ., Ithaca, NY, USA)

03421, 12 – 17 October 2003
Theoretical and Computational Aspects of Matrix Algorithms
N. Higham (Univ. of Manchester, UK), V. Mehrmann (TU of Berlin, Germany), S. Rump (TU of Hamburg-Harbug, Germany), D. Szyld (Temple Univ., USA)

03431, 19 – 24 October 2003
Hardware and Software Consistency Models: Programmability and Performance
J. Knoop (TU of Vienna, Austria), J. Lee (Seoul National Univ., South Korea), S. Midkiff (Purdue Univ., USA), D. Padua (Univ. of Illinois, USA)

03441, 26 – 31 October 2003
Cognitive Vision Systems
H. Christensen (Stockholm, Sweden), H.-H. Nagel (Univ. of Karlsruhe, Germany)

03451, 2 – 7 November 2003
Applied Deductive Verification
D. Basin (ETH Zürich, Switzerland), H. Ganzinger (MPI Saarbrücken, Germany), J. Harrison (Intel, USA), A. Pnueli (Weizmann Inst., Israel)

03461, 9 – 14 November 2003
Software Intensive Embedded Systems – with Special Emphasis on Automotive
M. Broy (TU of Munich, Germany), R. Ernst (TU of Braunschweig, Germany), U. Goltz (TU of Braunschweig, Germany), L. Lavagno (Cadence Labs, Berkeley, USA)

03471, 16 – 19 November 2003
Perspectives Workshop: "Design of Systems with Predictable Behaviour"
L.Thiele (ETH Zürich, Switzerland), R. Willhelm (Saarland Univ., Germany)

03481, 23 – 27 November 2003
e-Accessibility: new Devices, new Technologies and new Challenges in the Information Society
M. Jarke (RWTH Aachen, Germany), A. Kobsa (UC Irvine, USA), K. Miesenberger (Univ. of Linz, Austria), C. A. Velasco (Fraunhofer FIT, St. Augustin, Germany)

03491, 30 November – 5 December 2003
Understanding Program Dynamics
J.-D. Choi (IBM T.J. Watson Research Center, USA), B. Ryder (Rutgers Univ., USA), A. Zeller (Saarland Univ., Germany)

03501, 7 – 12 December 2003
Robot Navigation
R. Fleischer (HKUST, Hong Kong), R. Klein (Univ. of Bonn, Germany), A. Lopez-Ortiz (Univ. of Waterloo, Canada)

2004

04021, 5 – 9 January 2004
Content-Based Retrieval
J. Malik (UC Berkeley, USA), H. Samet (Univ. of Maryland, USA), R. Veltkamp (Utrecht Univ., Netherlands), A. Zisserman (Univ. of Oxford, UK)

04041, 18 – 23 January 2004
Component-Based Modeling and Simulation
F. J. Barros (Univ. de Coimbra, Portugal), A. Lehmann (Univ. Bundeswehr München, Germany), P. Liggesmeyer (HPI Potsdam, Germany), A. Verbraeck (TU of Delft, Netherlands), B. P. Zeigler (Univ. of Arizona, USA)

04051, 25 – 29 January 2004
Perspectives Workshop: Empirical Theory and the Science of Software Engineering
J. D. Herbsleb (CMU - Pittsburgh, USA), W. F. Tichy (Univ. of Karlsruhe, Germany)

04061, 1 – 6 February 2004
Real Computation and Complexity
T. Lickteig (Univ. of Limoges, France), K. Meer (Univ. of Southern Denmark, Denmark), L.M. Pardo (Univ. de Cantabria, Spain)

04081, 15 – 20 February 2004
Theory of Evolutionary Algorithms
H.-G. Beyer (Univ. of Dortmund, Germany), T. Jansen (Univ. of Dortmund, Germany), C. Reeves (Coventry Univ., UK), M. D. Vose (Univ. of Tennessee, USA)

04091, 22 – 27 February 2004
Data Structures
S. Albers (Univ. of Freiburg, Germany), R. Sedgewick (Princeton, USA), D. Wagner (Univ. of Karlsruhe, Germany)

04101, 29 February – 5 March 2004
Language Engineering for Model-Driven Software Development
J. Bézivin (Univ. of Nantes, France), R. Heckel (Univ. of Paderborn, Germany)

04111, 7 – 10 March 2004
Peer-to-Peer-systems and –Applications
A. D. Joseph (UC Berkeley, USA), R. Steinmetz (TU of Darmstadt, Germany), I. Stoica (UC Berkeley, USA), K. Wehrle (Univ. of Tübingen, Germany)

04121, 14 – 19 March 2004
Evaluating Embodied Conversational Agents
Z. Ruttkay (CWI, Amsterdam, Netherlands), E. André (Univ. of Augsburg, Germany), K. Höök (IT-Univ. Kista, Sweden), W. Lewis Johnson (USC Marina del Rey, USA), C. Pelachaud (Univ. of Paris, France)

04122, 14 – 19 March 2004
Wireless Sensor Networks and Applications
A. Ferscha (Univ. of Linz, Austria), S. Olariu (Old Dominion Univ., Norfolk, VA, USa), T. Pfeifer (Waterford Institute of Technology, Ireland)

04131, 21 – 26 March 2004
Geometric Properties from Incomplete Data
R. Klette (Univ. of Auckand, New Zealand), R. Kozera (Univ. of Western Australia, Australia), L. Noakes (Univ. of Western Australia, Australia), J. Weickert (Saarland Univ., Germany)

04141, 28 March – 2 April 2004
Complexity of Boolean Functions
J. Hastad (Stockholm, Sweden), M. Krause (Univ. of Mannheim, Germany), P. Pudlak (Acad. of Sciences of the Czech Republic), I. Wegener (Univ. of Dortmund, Germany)

04161, 12 – 16 April 2004
Detecting Local Patterns
J.-F. Boulicaut (INSA Lyon, France), K. Morik (Univ. of Dortmund, Germany), A. Siebes (CWI Amsterdam, Netherlands)

04171, 18 – 23 April 2004
Logic Based Information Agents
J. Dix (Univ. of Manchester, UK), Th. Eiter (TU of Vienna, Austria), E. Franconi (FU Bolzano, Italy)

04172, 18 – 23 April 2004
Perspectives Workshop: "Visualization and Image Processing of Tensor Fields"
J. Weickert (Saarland Univ., Germany), H. Hagen (TU of Kaiserslautern, Germany)

04181, 25 – 30 April 2004
Atomicity in System Design and Execution
C. Jones (Univ. of Newcastle, UK), D. Lomet (Microsoft Research, USA), A. Romanovsky (Univ. of Newcastle, UK), G. Weikum (MPI Saarbrücken, Germany)

04201, 11 – 14 May 2004
Content Distribution Infrastructures
C. Griwodz (Univ. of Oslo, Norway), T. Plagemann (Univ. of Oslo, Norway), R. Steinmetz (TU of Darmstadt, Germany)

04202, 9 – 13 May 2004
Perspectives Workshop "Quantum Computing"
T. Beth (Univ. of Karlsruhe, Germany),

04211, 16 – 21 May 2004
Algorithms and Number Theory
J. Buhler (Reed College, Portland, USA), J. Cremona (Univ. of Nottingham, UK), M.E. Pohst (TU of Berlin, Germany)

04221, 23 – 28 May 2004
Robust and Approximative Algorithms on Particular Graph Classes
A. Brandstädt (Univ. of Rostock, Germany), D. Corneil (Univ. of Toronto, Canada), K. Jansen (Univ. of Kiel, Germany), J. Spinrad (Vanderbilt Univ., Nashville TN, USA)

04231, 31 – 4 June 2004
Scheduling in Computer and Manufacturing Systems
J. Blazewicz (TU of Poznan, Poland), K. Ecker (TU of Clausthal, Germany), E. Pesch (Univ. of Siegen, Germany), D. Trystram (IMAG, Grenoble, France)

04241, 6 – 11 June 2004
Graph Transformations and Process Algebras for Modeling Distributed and Mobile Systems
B. König (Univ. of Stuttgart, Germany), U. Montanari (Univ. di Pisa, Italy), P. Gardner (Imperial College London, UK)

04251, 13 – 18 June 2004
Imaging Beyond the Pin-hole Camera. 12th Seminar on Theoretical Foundations of Computer Vision
K. Daniilidis (Univ. of Pennsylvania, USA), R. Klette (Univ. of Auckland, New Zealand), A. Leonardis (Univ. of Ljubljana, Slovenia)

04261, 20 – 25 June 2004
Algorithmic Methods for Railway Optimization
 L. Kroon (NS Reizigers & Univ. of Rotterdam, Netherlands), D. Wagner (Univ. of Karlsruhe, Germany), F. Wagner (Deutsche Bahn & Free Univ. of Berlin, Germany), C. Zaroliagis (CTI & Univ. of Patras, Greece)

04271, 27 June – 2 July 2004
Preferences: Specification, Inference, Applications
G. Bosi (Univ. of Trieste, Italy), R. Brafman (Ben-Gurion Univ., Israel), J. Chomicki (Univ. at Buffalo, USA), W. Kiessling (Univ. of Augsburg, Germany)

04281, 4 – 9 July 2004
Integrative Bioinformatics – Aspects of the Virtual Cell
J. Collado-Vides (UNAM Mexico, Mexico), R. Hofestädt (Univ. of Bielefeld, Germany), C. Sensen (Univ. of Calgary, Canada)

04292, 11 – 16 July 2004
Data Mining: The Next Generation
R. Agrawal (IBM Almaden Center, USA), J. C. Freytag (HU Berlin, Germany), R. Ramakrishnan (Univ. of Wisconsin - Madison, USA)

04301, 18 – 23 July 2004
Cache-Oblivious and Cache-Aware Algorithms
L. Arge (Duke Univ., Durham, USA), M. A. Bender (SUNY Stony Brook, USA), E. D. Demaine (MIT Cambridge, USA), Ch. E. Leiserson (MIT Cambridge, USA), K. Mehlhorn (MPI Saarbrücken, Germany)

04321, 1 – 6 August 2004
Data Warehousing at the Crossroads
J. Hammer (Univ. of Florida, USA), M. Schneider (Univ. of Florida, USA), T. Sellis (National Technical Univ. of Athens, Greece)

04351, 22 – 27 August 2004
Spatial Representation: Discrete vs. Continuous Computational Models
R. Kopperman (City Univ. of New York, USA), M. B. Smyth (Imperial College London, UK), D. Spreen (Univ. of Cape Town, South Africa), J. Webster (Imperial College London, UK)

04371, 5 – 10 September 2004
Perspectives of Model-Based Testing
E. Brinksma (Univ. of Twente, Netherlands), W. Grieskamp (Microsoft Research, Redmond, USA), J. Tretmans (Univ. of Nijmwegen, Netherlands), E. Weyuker (AT&T Labs, USA)

04381, 12 – 17 September 2004
Dependently Typed Programming
T. Altenkirch (Univ. of Nottingham, UK), M. Hofmann (LMU München, Germany), J. Hughes (Chalmers TU, Göteborg, Sweden)

04391, 19 – 24 September 2004
Semantic Interoperability and Integration
M. Uschold (Boeing, Seattle, USA), Y. Kalfoglou (Univ. of Southampton, UK), M. Schorlemmer (Edinburgh, UK), A. Sheth (Univ. of Georgia, Athens, USA), S. Staab (Univ. of Karlsruhe, Germany)

04401, 26 September – 1 October 2004
Algorithms and Complexity for Continuous Problems
T. Mueller-Gronbach (Univ. of Magdeburg, Germany), E. Novak (Univ. of Jena, Germany), K. Petras (TU of Braunschweig, Germany), J. F. Traub (Columbia Univ., USA)

04411, 3 – 6 October 2004
Service Management and Self-Organisation in IP-based Networks
M. Bossardt, (ETH Zürich, Switzerland), G. Carle (Univ. of Tübingen, Germany), D. Hutchison (Lancaster Univ., UK), H. de Meer (Univ. of Passau, Germany), B. Plattner (ETH Zürich, Switzerland)

04421, 10 – 15 October 2004
Algebraic Methods in Computational Complexity
H. Buhrman (CWI - Amsterdam, Netherlands), L. Fortnow (NEC - Princeton, USA), T. Thierauf (Univ. of Ulm, Germany)

04441, 24 – 29 October 2004
Mobile Information Management
M. Dunham (SMU - Dallas, USA), B. König-Ries (Univ. of Karlsruhe, Germany), E. Pitoura (Univ. of Ioannina, Greece), P. Reiher (Univ. of California at Los Angeles, USA), C. Türker (ETH Zürich, Switzerland)

04451, 1 – 5 November 2004
Future Generation Grids – FGG 2004
M. Cosnard (INRIA Sophia Antipolis, France), V. Getov (Univ. of Westminster, UK), D. Laforenza (CNR - Pisa, Italy), A. Reinefeld (K. Zuse Zentrum Berlin, Germany)

04461, 7 – 12 November 2004
Practical Approaches to Multi-Objective Optimization
J. Branke (Univ. of Karlsruhe, Germany), D. Kalyanmoy (Indian Inst. of Technology - Kanpur, India), K. Miettinen (Helsinki School of Economics, Finland), R. E. Steuer (Univ. of Georgia, USA)

04491, 28 November – 3 December 2004
SYNCHRON 2004
S. A. Edwards (Columbia Univ., USA), N. Halbwachs (VERIMAG - IMAG, France), R. v. Hanxleden (Univ. of Kiel, Germany), T. Stauner (BMW Car IT, Germany)

04511, 12 – 17 December 2004
Architecting Systems with Trustworthy Components
R. Reussner (Univ. of Oldenburg, Germany), J. Stafford (Tufts Univ., Medford MA, USA), C. Szyperski (Microsoft Research, Redmond, WA, USA)

2005

05011, 2 – 7 January 2005
Computing and Markets
D. Lehmann (Univ. of Jerusalem, Israel), R. Müller (Maastricht Univ., Netherlands), T. Sandholm (CMU - Pittsburgh, USA)

05021, 9 – 14 January 2005
Mathematics, Algorithms, Proofs
T. Coquand (Chalmers - Göteborg, Sweden), H. Lombardi (Université de Franche-Comté, France), M.-F. Roy (Université de Rennes, France)

05031, 16 – 21 January 2005
Algorithms for Optimization with Incomplete Information
S. Albers (Univ. of Freiburg, Germany), R. H. Möhring (TU of Berlin, Germany), G. Ch. Pflug (Univ. of Vienna, Austria), R. Schultz (Univ. of Duisburg-Essen, Germany)

05051, 30 January – 4 February 2005
Probabilistic, Logical and Relational Learning – Towards a Synthesis
L. De Raedt (Univ. of Freiburg, Germany), L. Getoor (Univ. of Maryland, USA), S. H. Muggleton (Imperial College London, UK)

05061, 6 – 11 February 2005
Foundations of Semistructured Data
F. Neven (Univ. of Limburg, Belgium), T. Schwentick (Univ. of Marburg, Germany), D. Suciu (Univ. of Washington, USA)

05071, 13 – 18 February 2005
Machine Learning for the Semantic Web
F. Ciravegna (Univ. of Sheffield, UK), A. Doan (Univ. of Illinois - Urbana, IL, USA), C. Knoblock (USC/ISI - Marina del Rey, CA, USA), N. Kushmerick (Univ. College Dublin, Ireland), S. Staab (Univ. of Karlsruhe, Germany)

05091, 2 – 5 March 2005
Multimedia Research – where do you need to go tomorrow
S. Boll (Univ. of Oldenburg, Germany), T.-S. Chua (National Univ. of Singapore, Singapore), N. Dimitrova (Phililps Labs. - Briarcliff Manor, USA), R. Jain (Georgia Institute of Technology, USA)

05101, 6 – 11 March 2005
Scheduling for Parallel Architectures: Theory, Applications, Challenges
E. Altman (IBM TJ Watson Research Center, USA), J. Dehnert (Transmeta - Santa Clara, CA, USA), C. W. Kessler (Linköping Univ., Sweden), J. Knoop (TU of Vienna, Austria)

05111, 13 – 18 March 2005
Computational Geometry
H. Alt (FU Berlin, Germany), F. Aurenhammer (TU of Graz, Austria), D. Halperin (Tel Aviv Univ., Israel)

05141, 3 – 8 April 2005
Power-aware Computing Systems
L. Benini (Università di Bologna, Italy), U. Kremer (Rutgers Univ. - Piscataway, USA), C. Probst (Univ. of California at Irvine, USA), P. Schelkens (Brussels, Belgium)

05151, 10 – 15 April 2005
Annotating, Extracting and Reasoning about Time and Events
G. Katz (Univ. of Osnabrück, Germany), J. Pustejovski (Brandeis Univ., USA), F. Schilder (Univ. of Hamburg, Germany)

05171, 24 – 29 April 2005
Nonmonotonic Reasoning, Answer Set Programming and Constraints
G. Brewka (Univ. of Leipzig, Germany), I. Niemelä (Helsinki Univ. of Technology, Finland), T. Schaub (Univ. of Potsdam, Germany), M. Truszczynski (Univ. of Kentucky, USA)

05181, 1 – 4 May 2005
Mobile Computing and Ambient Intelligence: The Challenge of Multimedia
N. Davies (Lancaster Univ., UK), T. Kirste (FhG IGD - Darmstadt, Germany), H. Schumann (Univ. of Rostock, Germany)

05191, 8 – 13 May 2005
Graph Drawing
M. Jünger (Univ. of Cologne, Germany), S. Kobourov (Univ. of Arizona, USA), P. Mutzel (TU of Vienna, Austria)

05201, 15 – 20 May 2005
Design and Analysis of Randomized and Approximation Algorithms
M. Dyer (Univ. of Leeds, UK), M. Jerrum (Univ. of Edinburgh, UK), M. Karpinski (Univ. of Bonn, Germany)

05411, 9 – 14 October 2005
Principles and Practices of Semantic Web Reasoning
F. Bry (Univ. of Munich, Germany), F. Fages (INRIA Rocquencourt, France), M. Marchiori (MIT - Cambridge, USA), H.-J. Ohlbach (Univ. of Munich, Germany)

Status: March 2004. Current list: http://www.dagstuhl.de/Seminars/05/

2.2   Events of the
German Computer Science Academy (DIA)

For more information, see http://www.dia-bonn.de/

2003

03082, 19 – 21 February 2003
Web Technologies & Applications
S. Diehl (Saarland Univ., Germany), C. Probst (Univ. of California at Irvine, USA)

03152, 9 – 11 April 2003
Usability Engineering: Development of Usable Software
W. Dzida (FhG AIS, St. Augustin, Germany)

03212, 21 – 23 May 2003
eXtreme Programming: Agile Software Development
M. Lippert (Hamburg, Germany), K.-H. Sylla (FhG AIS, St. Augustin, Germany), H. Wolff
(Hamburg, Germany)

03402, 29 September – 1 October 2003
Web Technologies & Software Applications
S. Diehl (Saarland Univ., Germany), C. Probst (Univ. of California at Irvine, USA)

03412, 8 – 10 October 2003
Object-Oriented System Development
 K.-H. Sylla, G Wütherich

03452, 5 – 7 November 2003
Object-Oriented Design Techniques & Architectures
R. Budde, K.-H. Sylla (GMD), H. Züllighoven (Hamburg, Germany)

03492, 3 – 5 December 2003
eXtreme Programming: Agile Software Development
K.-H. Sylla (FhG AIS, St. Augustin, Germany), Dr. Andreas Kornstädt (it Workplace
Solutions GmbH, Hamburg, Germany)

2004

04182, 28 – 30 April 2004
Object-Oriented Design Techniques & Software Architectures
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin, Germany), H. Züllighoven (Hamburg,
Germany)

04222, 25 – 28 May 2004
Usability Engineering: Development of Usable Software
W. Dzida (FhG AIS - St. Augustin, Germany), R. Freitag (FhG AIS - St. Augustin,
Germany), T. Geis (TÜV Secure IT GmbH, Cologne, Germany), W. Redtenbacher
(Redtenbacher Software - Renningen, Germany)

04252, 16 – 18 June 2004
eXtreme Programming: Agile Software Development
M. Lippert (Univ. of Hamburg), K.-H. Sylla (FhG AIS, St. Augustin, Germany), H.Wolf
(Univ. of Hamburg)

04262, 22 – 25 June 2004
Web Technologies & Applications
S. Diehl (Saarland Univ., Germany), C. Probst (Univ. of California at Irvine, USA)

04412, 4 – 6 October 2004
Object-Oriented System Development
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin, Germany), H. Züllighoven (Hamburg,
Germany)

04452, 3 – 5 November 2004
eXtreme Programming: Agile Software Development
M. Lippert (Univ. of Hamburg), K.-H. Sylla (FhG AIS, St. Augustin, Germany), H.Wolf
(Univ. of Hamburg, Germany)

04483, 24 – 26 November 2004
Usability Engineering: Development of Usable Software
W. Dzida (FhG AIS - St. Augustin, Germany), R. Freitag (FhG AIS - St. Augustin,
Germany), T. Geis (TÜV Secure IT GmbH, Cologne, Germany), W. Redtenbacher
(Redtenbacher Software, Renningen, Germany)

04493, 1 – 3 December 2004
Object-Oriented Design Techniques & Software Architectures
R. Budde, K.-H. Sylla (FhG AIS, St. Augustin), H. Züllighoven (Hamburg)

Status: March 2004. Current list: http://www.dagstuhl.de/Events/04/

2.3   Other Events

**For more information on the individual seminars, please refer to
http://www.dagstuhl.de/Events/02/ or /03/**

2003

03032, 13 – 16 January 2003
DAAD Project "International Quality Network" (IQN)
W. Halang (FernUniv Hagen, Germany)

03033, 12 – 17 January 2003
Secure Operating Systems
S. Wittmann (BSI, Bonn, Germany), W. Stephan (DFKI Saarbrücken, Germany)

03034, 13 – 16 January 2003
Implementation Workshop SPP 1083 – Agent.Hospital / Agent.Enterprise
K.-H. Krempels (RWTH Aachen, Germany)

03052, 27 – 31 January 2003
DaMIT Networking Project
G. Degel (Saarland Univ., Germany)

03113, 13 – 14 March 2003
Initiation Meeting Advisory Board and Curatory Board
R. Wilhelm (IBFI Schloss Dagstuhl)

03142, 2 – 4 April 2003
CIAO-2003
D. Hutter (Saarbrücken)

03153, 6 – 9 April 2003
Conference of the Telematics Working Group of the U of Karlsruhe
Dr. Roland Bless (Univ. of Karlsruhe)

03162, 13 – 16 April 2003
GIBU 2003: GI Advisory Board of university professors
B. Becker (Freiburg), D. Wagner (Konstanz)

03163, 16 – 17 April 2003
DFG Women's Computer Scientist Meeting
G. Sonntag (DFG Bonn)

03164, 14 – 15 April 2003
Block seminar, chair of Prof. Steffen, Dortmund
Organizer: Bernhard Steffen

03172, 22 – 23 April 2003
DFG Project "Software Evolution"
S. Diehl (Saarland Univ.), A. Zeller (Saarland Univ.)

03192, 4 – 9 May 2003
CGAL Design and Implementation Meeting
K. Mehlhorn (MPI Saarbrücken)

03203, 16 – 17 May 2003
TOOLS 2003 Program Committee
P. Kemper (Univ. of Dortmund), W.H. Sanders (Univ. of Illinois)

03222, 25 – 30 May 2003
Constructive Mathematics: A meeting honoring Carl de Boor
A. Ron (Univ. of Wisconsin, USA), H.P. Seidel (MPI Saarbrücken, Germany)

03252, 15 – 18 June 2003
Meeting of the Graduate College
O. Spaniol (Aachen)

03262, 23 – 24 June 2003
General Meeting of SFB 378 (i.e. Collaborative Research Center 378) — "Resource-Adaptive Cognitive Processes"
J. Siekmann (Saarbrücken)

03263, 25 – 27 June 2003
Collaborative Research Center 378, Project EM1 "Verbal and Visual Working Memory"
Hubert Zimmer (Department of Psychology, Saarland Univ., Germany)

03282, 10 – 12 July 2003
STARLab Meeting
R. Meersman (V.U. Brussels)

03283, 7 – 8 July 2003
Conference: juris GmbH
S. Paul (juris, Saarbrücken, Germany)

03322, 3 – 6 August 2003
Conference of the Software Systems Engineering Working Group of the Univ. of Duisburg-Essen
K. Pohl (Univ. of Duisburg-Essen)

03323, 3 – 8 August 2003
Implementation Workshop SPP 1083 – Agent.Hospital / Agent.Enterprise
K.-H. Krempels (RWTH Aachen)

03372, 7 – 10 September 2003
2nd German KuVS Summer School "Mobile Computing"
S. Fischer (TU of Braunschweig, D)

03382, 14 – 19 September 2003
"Language Technology & Cognitive Systems"
M. W. Crocker (Saarland Univ.)

03422, 12 – 17 October 2003
Autumn school "Information Retrieval"
C. Womser-Hacker (Univ. of Hildesheim), M. Rittberger (HEG Geneve, Switzerland), U. Thiel (Fraunhofer IPSI)

03432, 23 – 24 October 2003
Logic vs. Approximation
K.-D. Althoff (IESE Kaiserslautern), R. Bergmann (Univ. of Hildesheim), W. Lenski (Univ. of Kaiserslautern), R. Moehring (FU Berlin), F.-J. Radermacher (FAW Ulm, Univ. of Ulm)

03443, 26 – 27 October 2003
Project Group €EKA
B. Steffen (Dortmund, Germany)

03453, 2 – 7 November 2003
OTEC Retreat Meeting
R. Koper (Open Univ, Netherlands)

03462, 13 – 14 November 2003
Interfaces of Computer Science
B. Schinzel (Univ. of Freiburg, Germany)

03463, 9 – 12 November 2003
GI-Dagstuhl Research Seminar: "Performance of Mobile Systems"
B. Haverkort (RWTH Aachen)

03472, 17 – 19 November 2003
BMBF Project "Internet Economy"
M. Zitterbart (Univ. of Karlsruhe, Germany)

03473, 20 – 21 November 2003
2003 Annual Colloquium of the DFG Priority Program
T. Lengauer (MPI Saarbrücken, Germany)

03478, 18 – 20 November 2003
Research stay
Peter Widmayer

03479, 15 – 20 November 2003
Research stay
Martin Mutz (Braunschweig)

03503, 10 – 12 December 2003
Teacher Continuing Education: Computer Science
U. Peters (LPM, Saarbrücken), R. Wilhelm (Saarland Univ.)

03512, 14 – 17 December 2003
Evaluation Initiative for XML Document Retrieval
N. Fuhr (Univ. of Dortmund), M. Lalmas (Queen Mary Univ. of London)

2004

04022, 4 – 9 January 2004
CGAL Design and Implementation Meeting
M. Hoffmann (ETH Zürich, Switzerland)

04032, 12 – 15 January 2004
GI-Dagstuhl Seminar "Model-based Testing of Reactive Systems"
M. Broy (TU of Munich, Germany), B. Jonsson (Uppsala Univ., Sweden), J.-P. Katoen (Univ. of Twente, NE), M. Leucker (Uppsala Univ., Sweden), A. Pretschner (TU of Munich, Germany)

04042, 18 – 23 January 2004
Valkenburg Group Meeting
R. Koper (Open Univ, Netherlands)

04052, 26 – 30 January 2004
Implementation Workshop SPP 1083 – Agent.Hospital / Agent.Enterprise
K.-H. Krempels (RWTH Aachen, Germany), J. Nimis (Univ. of Karlsruhe, Germany)

04053, 29 – 30 January 2004
Workshop: EU Project COLDEX
S. Diehl (KU Eichstätt/Ingolstadt, Germany)

04073, 8 – 11 February 2004
Departmental conference "Software Systems Engineering"
K. Pohl (Univ. of Duisburg-Essen)

04074, 10 – 11 February 2004
Departmental conference "Programming Languages and Compiler Construction"
R. Wilhelm (Saarland Univ., Germany))

04102, 29 February – March 2004
Organizing and Accessing Intellectual Assets
G. Grieser (TU of Darmstadt, Germany), Y. Tanaka (Hokkaido Univ., Sapporo, Japan)

04112, 7 – 10 March 2004
Departmental conference of the Karlsruhe Programming Systems Group
W. Tichy (Univ. of Karlsruhe, Germany)

04113, 10 – 13 March 2004
Autonomic Networking
P. Tran-Gia (Univ. of Würzburg, Germany) , K. Tutschku (Univ. of Würzburg, Germany)

04132, 21 – 22 March 2004
MaTRICS Workshop
B. Steffen (Univ. of Dortmund, Germany)

04133, 24 – 26 March 2004
Conference of the Telematics Working Group of the U of Karlsruhe
M. Zitterbart (Univ. of Karlsruhe, Germany)

04142, 28 – 30 March 2004
Conference: SNACS Working Group
S. Fischer (TU of Braunschweig, D)

04143, 1 – 2 April 2004
Computer Science, quo vadis?
Ch. Meinel (Univ. of Trier, Germany)

04152, 4 – 7 April 2004
GIBU 2004: GI Advisory Board of university professors
B. Becker (Freiburg), D. Wagner (Konstanz)

04153, 7 – 8 April 2004
PG Kick-Off Meeting
S. Edelkamp (Univ. of Dortmund, Germany)

04162, 12 – 16 April 2004
GI-Dagstuhl Seminar: Network Analysis
U. Brandes (Univ. of Passau), T. Erlebach (ETH Zürich)

04192, 2 – 7 May 2004
Summer School "Foundations of Visual Modelling Techniques"
G. Engels (Univ. of Paderborn, Germany), R. Heckel (Univ. of Paderborn, Germany)

04203, 13 – 15 May 2004
DFG Roundtable Talk on Quantum Computing
T. Beth (Univ. of Karlsruhe, Germany)

04204, 8 – 11 May 2004
Conference: AB Siekmann
J. Siekmann (Saarbrücken)

04242, 7 – 9 June 2004
Wireless and Mobility in Next Generation Internet
O. Spaniol (RWTH Aachen, Germany)

04282, 8 – 10 July 2004
STARLab Meeting
R. Meersman (V.U. Brussels)

04293, 15 – 16 July 2004
APART Final Meeting
H. M. Gerndt (TU of Munich, Germany)

04312, 25 – 30 July 2004
EU IST-Project "CrossGrid"
R. Wismüller (TU of Munich, Germany)

04313, 25 – 30 July 2004
3rd "Korean" Workshop on Computational Geometry
H. Ahn (Korea Inst. of Science & Technology - Seoul, KR), C. Knauer (FU Berlin, Germany), C.-S. Shin (Hankuk Univ. of Foreign Studies, KR), A. Wolff (Univ. of Karlsruhe, Germany), R. van Oostrum (Utrecht Univ., Netherlands)

04362, 29 August – 3 September 2004
GI-Dagstuhl Seminar "Game-Theory Analyses of the Internet"
M. Bläser (ETH Zürich, Switzerland), P. Krysta (Univ. of Dortmund, Germany), R. Reischuk (Univ. of Lübeck, Germany) B. Vöcking (Univ. of Dortmund, Germany)

04363, 29 August – 3 September 2004
Analysis of Combinatorial Algorithms and Concentration of Measure
D. Dubhashi (Chalmers - Göteborg, Sweden), A. Srivastav (Univ. of Kiel, Germany)

04382, 13 – 17 September 2004
3rd German KuVS Summer School "Mobile Computing"
S. Fischer (TU of Braunschweig, D)

04392, 19 – 24 September 2004
GI-Dagstuhl Seminar "Concepts of Empirical Research and Standardisation of Measurement"
J. S. Magenheim (Univ. of Paderborn, Germany), S. Schubert (Univ. of Siegen, Germany)

04402, 26 September – 1 October 2004
OTEC Retreat Meeting
R. Koper (Open Univ, Netherlands)

04422, 11 – 12 October 2004
Workshop: Chair of Prof. Kalmar
R. Kalmar (IESE-FHG Kaiserslautern, Germany)

04462, 7 – 12 November 2004
Interfaces of Computer Science
B. Schinzel (Univ. of Freiburg, Germany)

04472, 14 – 17 November 2004
RNC6: 6th Conference on "Real Numbers and Computers"
P. Kornerup (Odense, Denmark), N. Müller (Univ. of Trier, Germany)

04473, 19 – 22 November 2004
euroFORTH '04
K. Schleisiek (SEND GmbH - Hamburg, Germany)

04482, 23 – 26 November 2004
DFG Priority Program "Security in Information and Communications Technology"
S. Wohlgemuth (Univ. of Freiburg, Germany)

04502, 5 – 8 December 2004
Evaluation Initiative for XML Document Retrieval
N. Fuhr (Univ. of Dortmund), M. Lalmas (Queen Mary Univ. of London)

04503, 8 – 10 December 2004
Teacher Continuing Education: Computer Science
U. Peters (LPM, Saarbrücken), R. Wilhelm (Saarland Univ.)

Status: March 2004. Current list: http://www.dagstuhl.de/Events/04/

3. 2003 Dagstuhl Guests: Statistics
Breakdown According to Country of Origin

Graphic: page 15

Country	A	B	C	D
Germany	680	614	1294	4107
Austria	41	5	46	212
Belgium	15	21	36	113
Czech Republic	16	0	16	77
Denmark	17	5	22	94
Finland	10	2	12	46
France	104	0	104	447
Italy	44	4	48	218
Netherlands	66	15	81	330
Norway	8	3	11	51
Poland	8	1	9	45
Spain	24	1	25	118
Sweden	21	8	29	120
Switzerland	31	24	55	211
United Kingdom	72	32	104	542
Europe, others	48	3	51	237
Europe	525	124	649	2861
Canada	48	13	61	285
USA	270	88	358	1499
North America	318	101	419	1784

Country	A	B	C	D
China; Hong Kong	4	2	6	27
India	12	0	12	59
Japan	23	4	27	121
Other Asian countries	7	1	8	38
Asia	46	7	53	245
Australia	13	8	21	95
Brazil	11	0	11	50
Israel	38	1	39	172
New Zealand	5	1	6	27
Russia	34	4	38	192
Others	20	0	20	108
Rest of world	121	14	135	644
Total	1690	860	2550	9641

A Seminar participants
B Participants of other events
C Total guests
D Total overnight stays

4.1. Comments of Seminar Participants

Seminar 03041: Numerical Software with Result Verification
Wolfram Luther, Gerhart Mercator, Universität Duisburg

Ihnen und den an der Organisation Beteiligten möchte ich auch im Namen der Mitveranstalter ein herzliches Dankeschön für die hervorragende Organisation unseres Seminars sagen. Ich denke, alle Teilnehmer haben den Aufenthalt als sehr angenehm und anregend empfunden. So glaube ich sagen zu können, dass es ein voller Erfolg war.

Seminar 03061: Software Architecture: Recovery and Modelling
Rainer Koschke, Universität Stuttgart

Im Namen der Organisatoren genauso wie im Namen aller Teilnehmer möchte ich mich herzlich bei Ihnen und dem Dagstuhl-Team vor Ort (besonders bei Frau Clemens) für die professionelle und großartige Hilfe vor und während des Seminars bedanken. Dagstuhl ist ein ganz besonderer Ort; das wurde wieder einmal bestätigt.

Seminar 03101: Reasoning about Shape
Markus Müller-Olm, Universität Dortmund

Bei dieser Gelegenheit möchte ich mich noch mal bei Ihnen und dem übrigen Dagstuhl-Team bedanken für die großartig funktionierenden Dagstuhl-Seminare. Auf Ihren Websiten findet sich der schöne Satz: „Organisator eines Dagstuhl-Seminars zu sein, ist deshalb mehr Freude als Mühe.“

Dem ist nichts hinzuzufügen!

Seminar 03151: Product Family Development
Julio Cesar Leite, PUC-Rio de Janeiro

I just want to thank you for having us at the Product Family Seminar. As usual, Dagstuhl is an excellent place to work and enjoy the time spent working. Everything went well as always.

Seminar 03211: Adaptivity in Parallel Scientific Computing
Scott Baden, University of California, San Diego (could no come)

It's difficult to turn down an invitation to Dagstuhl, a wonderful place!

Seminar 03231: Scientific Visualization: Extracting Information and Knowledge from Scientific Data Sets
Thomas Ertl, University of Stuttgart

As I've said several times, this community apparently feels home in Dagstuhl and always makes best use of it.

Seminar 03231: Scientific Visualization
Klaus Müller, University of Dortmund

I just returned from the "Scientific Visualization: Extracting Information and Knowledge from Scientific Data Sets" seminar organised by Nielson, Ertl, Bonneau. I just wanted to drop you a quick note to tell you how pleased I was with the experience. Rubbing shoulders with almost all of the important members in the community in a relaxed and secluded setting provided ample opportunity to find out about pending problems and start collaborative efforts to address these. I for myself was able to team up with 4-5 groups that pursue research interests and agendas where my own work can help to solve pending problems or make the research stronger. Apart from new research platforms, this gives me and my group a chance to expand our knowledge on the scientific applications of visualization research. Dagstuhl is just a wonderful concept, and gave me as a German now living in New York also a great opportunity to get back in touch with German culture, cuisine, and spirits. Thanks so much for keeping the Dagstuhl idea alive.

Seminar 03281: Embodied Artificial Intelligence
Michael Gerndt, TU München

Bei der Gelegenheit möchte ich mich auch im Namen der Mitorganisatoren ganz herzlich für die gute Aufnahme in Dagstuhl bedanken. Alle Teilnehmer haben sich sehr wohl gefühlt, was sicherlich auch auf die freundliche und professionelle Atmosphäre in Dagstuhl zurückzuführen ist. Es ist schön, dass die Informatik dieses Tagungszentrum hat.

Seminar 03281: Embodied Artificial Intelligence
Viola Stephen, SREDA Film (Produktion eines Dokumentarfilms zum Seminar)

Ein hoch interessantes Seminar! Konzentrierte Atmosphäre an einem schönen Ort in herrlicher Umgebung. Eine Fülle von Material, das ich zu sichten angefangen habe.
Vielen herzlichen Dank für die freundliche Unterstützung.

Seminar 03301: Dynamically Reconfigurable Architectures
Jürgen Becker, Universität Karlsruhe

Im Namen aller Teilnehmer und Co-Organisatoren möchte ich mich herzlich für die hervorragende und professionelle Abwicklung des gesamten Events bedanken, das Ganze war ein prima Erfolg.

Seminar 03362: Data Quality on the Web
Stefano Paraboschi, Università di Bergamo

Many of my colleagues have attended seminars at Dagstuhl and all of them considered it a positive experience, offering an adequate environment for long and fruitful interactions with colleagues. I hope that I will have other opportunities to participate to these events.

Seminar 03401: Computational Cartography and Spatial Modelling
Quoted from the seminar report:

Due to the efforts of both the presenters and the audience, the disciplinary boundaries were crossed many times and this resulted in refreshing discussions. This was directly after the presentations, but also during the breaks in the pleasant environment of the Schloss Dagstuhl, there was sufficient time to go into more detailed discussions. It has been a very fruitful meeting for all participants. The meeting place traditions (problems/ challenges sessions, ample time for questions and interactions between talks, environment: library, computer room, common rooms, etc.) indeed helped to break down barriers imposed by academic disciplines. Some of the new research results presented were obtained in collaborative projects (and co-operation's) which started after the previous Dagstuhl seminar.

Seminar 03411: Language-Based Security
Andrei Sabelfeld, Cornell University

I am writing to thank you again on behalf of the Language-Based Security Dagstuhl seminar organisers. You and the entire Dagstuhl staff have greatly contributed to the success of the seminar. We always received your generous help beyond our expectations. Not only the routine work such as invitations, scheduling, etc. was perfectly smooth, but also our most unusual requests (such as an organ concert by Michael Clarkson) were taken seriously and handled most professionally.

We enjoyed organising the seminar a great deal. Many thanks for your dedication!

Seminar 03411: Language-Based Security
Roberto Giacobazzi, Università di Verona

Indeed I never had been in Dagstuhl before the language based security workshop. I have to admit that the Dagstuhl idea is BEAUTIFUL and well organised, making research a more and more interesting experience when shared with so many colleagues.

Seminar 03421: Theoretical and Computational Aspects of Matrix Algorithms
Quoted from the preface of the seminar report:

The participants appreciated the ability to have discussions with people whom they would hardly meet at other conferences. The interaction between people from different areas of work was very fruitful. There were many such examples of people who have known of each others' publications, but at the seminar they had the chance to interact with each other for the first time. Other researchers who did know each other were able to renew their contacts and collaborations.

The Dagstuhl environment added to the group's sense of camaraderie. There was ample time for informal discussions, and people took real advantage of this. It was not unusual to see people working together in the evenings. In fact, it was hard to find a working area not occupied by two or three participants writing on paper at tables, or on whiteboards.

The following program of presentations gives a clear idea of the multiplicity of topics discussed, from wireless communications to Quantum Chemistry. Scientists who work mostly in theoretical aspects of the field contributed ideas to those working in applications areas. At the same time those theoreticians felt inspired by the new problems presented. During and after the talks, there were many questions and discussions. There was a real interaction between speaker and audience.

Overall everyone agreed was that it was a very stimulating meeting.

Seminar 03431: Hardware and Software Consistency Models: Programmability and Performance
Samuel P. Midkiff, Purdue University

I would like to thank the entire Dagstuhl staff again for providing the support for a very pleasant and technically successful seminar.

Seminar 03441: Cognitive Vision Systems
Quoted from the seminar report:

Our thanks go to the staff of Schloss Dagstuhl for their very smooth support of this seminar, both prior to and during the meeting. Numerous special wishes were handled very efficiently, making the stay during this week a memorable experience for all participants.

Seminar 03451: Applied Deductive Verification
J Strother Moore, University of Texas at Austin

The seminar is great, the castle is great, the food is great! You folks are doing a great service to computer science with your institution. Thank you!

Seminar 03491: Understanding Program Dynamics
Quoted from the seminar report:

The spirit of this seminar will live on in future events dedicated to integrate various approaches to program analysis. In particular, we expect the Workshop on Dynamic Analysis (WODA) and the Workshop on Program Analysis for Software Tools and Engineering (PASTE) to show up first integration results. In a year from now, we shall send an informal questionnaire to the participants, asking them how the Dagstuhl seminar has influenced their later research.

On behalf of all participants, we thank IBFI Schloss Dagstuhl for providing such pleasant conditions for discussions and research.

4.2. Comments of the Participants of Other Events

03222: Constructive Mathematics
Amos Ron, University of Wisconsin-Madison

The meeting was a success both from the professional point of view and the academic point of view. Everything went according to the plan. Your willingness to help us in an "innovative" fashion was key for that success.

03222: Constructive Mathematics
Thomas Grandine, The Boeing Company

I am planning to visit Dagstuhl at the end of May, 2003, for the conference celebrating the career of Carl de Boor. I have visited Dagstuhl twice previously, and I have very much enjoyed both visits. Indeed, I consider those two trips to be among the finest technical exchanges I have ever participated in.

In part because of the many glowing things I've had to say about Dagstuhl, my wife has expressed an interest in accompanying me on this upcoming trip.

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 Computer Science 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.