MIE2000
XVI International Congress of the European Federation for Medical Informatics

GMDS2000
45. Jahrestagung der Deutschen Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie

Hannover, Germany
Congress Centrum
August 27 – September 1, 2000

http://www.mie2000.de
MIE2000@hcc.de
Invitation to Hannover

The German Association for Medical Informatics, Biometry, and Epidemiology (GMDS) is proud to host MIE2000, the Medical Informatics Europe Congress to which it has linked its 45th annual congress. The MIE2000 - GMDS2000 Congress is dedicated to Peter L. Reichertz, his engagement in Medical Informatics, and in particular his work at the Hannover Medical School.

This event will give wide opportunities for exchanging concepts and ideas to learn from the past and to develop models for the future. We invite senior and young scientists and researchers to bring in their experience and to present their results at this Congress. In particular the younger ones will be asked to pave the Infobahn towards better health care in the 21st century and to actively move the traffic in the right directions.

The Peter L. Reichertz Award for Young Scientists of the European Federation for Medical Informatics is assigned every year to the winner of a scientific paper competition for young researchers. The winner of this prize will receive free participation including travel expenses to the respective annual MIE conference. In addition, the Organising Committee of MIE2000 - GMDS2000 will provide a certain number of grants for young researchers presenting excellent papers at this Congress.

We are looking forward to welcome you and a large number of colleagues with background in all those scientific disciplines that contribute to the further development of the "Medical Infobahn". We expect participants from all over Europe and across the oceans to come for picking up new ideas and imaginations of this Infobahn, not only from the MIE 2000 - GMDS2000 Congress, but also from EXPO 2000.

We wish you a pleasant trip to Hannover and an enjoyable stay in this magnificent and always hospitable city.

Joachim Dudeck

Rolf Engelbrecht

Prof. Dr. med. Peter L. Reichertz
1930 - 1987
President of GMDS 1975 - 1977
President of EFMI 1979 - 1980

Head, Division of Medical Informatics
Medizinische Hochschule Hannover
1969 - 1987
Congress  MIE2000 – GMDS2000 „Medical Infobahn for Europe“
XVI International Congress of the European Federation for Medical Informatics
and
45 Annual Congress of the German Association for Medical Informatics, Biometry and Epidemiology

Date  August 27 – September 1, 2000

Venue  Hannover Congress Centrum (HCC), Hannover, Germany

Organisers  GMDS – Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e.V.
President: Rüdiger Klar
Secretary: Friederike Sträter
gmds@dgn.de
http://www.gmds.de

and

EUROPEAN FEDERATION FOR MEDICAL INFORMATICS (EFMI)
President: Attila Naszlady
Secretary: Assa Reichert
http://www.hiscom.nl/efmi

Technical Organiser  Hannover Congress Centrum (HCC)
Theodor-Heuss-Platz 1-3
D-30175 Hannover, Germany
Secretary: Sigrid Lippka
Phone: +49 511 8113 574
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sigrid.lippka@hcc.de
http://www.hcc.de

Co-operating Societies  BVMI – Berufsverband Medizinischer Informatiker e.V.
http://www.bvmi.de
DVMD – Deutscher Verband Medizinischer Dokumentare e.V.
http://www.dvmd.de
GI – Gesellschaft für Informatik e.V.
http://www.gi-ev.de
IMIA – International Medical Informatics Association
http://www.imia.org

Supporting Organisations  BMG – Bundesministerium für Gesundheit, Bonn
EU – European Commission, DG XIII, Brussels
WHO, Regional Office for Europe, Copenhagen
VHK – Verband der Hersteller patientenorientierter Informations- und Kommunikationssysteme, Berlin
MHH – Medizinische Hochschule Hannover
CALL FOR PAPERS AND INVITATION

August 27 – September 1, 2000
Hannover, Germany

Medical Infobahn for Europe

Research and Application in Medical Informatics, Biometry and Epidemiology

The Conference offers:

• Scientific lectures presented in English at MIE2000 and either in German or English at GMDS2000
• Keynotes addressing problems and solutions in medical information processing
• Poster sessions with associated short oral presentations
• Workshops covering new and important topics
• Tutorials
• Industrial exhibition with a total floor space of 2,000m²
• Conference proceedings in 2 volumes

Conference & Exhibition

The XVI MIE Congress will be held together with the 45. annual Congress of the GMDS. It starts August 27 and terminates September 1, 2000 at the Hannover Congress Centrum (HCC). The Congress is designed as a contribution to the World Exhibition EXPO2000 which takes place in Hannover from June to October 2000.
CALL FOR PAPERS AND INVITATION

Scientific Programme Committees

MIE2000

Arie Hasman (Chair) The Netherlands
Günther Gell Austria
Georges De Moor Belgium
Izet Masic Bosnia-Herzegovina
Milan Petrov Bulgaria
Josipa Kern Croatia
Jana Zvarova Czech Republic
Peter McNair Denmark
Maija Antti-Poika Finland
Pierre Le Beux France
Alexander Horsch Germany
John S. Bryden Great Britain
Costas Pappas Greece
Attila Naszlady Hungary
György Surján Hungary
Gerard Hurl Ireland
Assa Reichert Israel
Angelo Serio Italy
Jacob Hofdijk The Netherlands
Camilla Glaso Skifjeld Norway
Torbjorn Iversen Norway
Edward Kacki Poland
George Mihalas Romania
Marjan Premik Slovenia
José Luis Montenegro Spain
Ragnar Nordberg Sweden
Jean-Raoul Scherrer Switzerland
Oleg Yu Mayorov Ukraine
Jean-Claude Healy European Commission
Kirsten Staehr-Johansen WHO Europe
Wilhelm van Eimeren ICSSHC2000

GMDS2000

Hans-Ulrich Prokosch (Chair) Münster
Bärbel Bellach (Co-Chair) Berlin
Peter Dirschfeld (Co-Chair) München
Gerd Antes Freiburg
Heike Bickebölle München
Bernd Blobel Magdeburg
Dankmar Böhnning Berlin
Jenny Chang-Claude Heidelberg
Rolf Engelbrecht Neuherberg
Peter Haas Dortmund
Johannes Haerting Halle
Karl-Heinz Jöckel Essen
Ulrich John Greifswald
Rüdiger Klär Freiburg
Klaus Kuhn Marburg
Alexander Krämer Bielefeld
Markus Löfler Leipzig
Reinhard Männer Mannheim
Ulrich Mansmann Berlin
Hans-Peter Meinzer Heidelberg
Horst Nowak Frankfurt
Albert J. Porth Hannover
Wilhelm Sauerbrey Freiburg
Paul Schmücke Heidelberg
Günther Steyer Berlin
Norbert Victor Heidelberg
Alfred Winter Leipzig

Associated to the Programme Committee

Francis Roger-France EFMI-WG1: MDBS, Case Mix and Severity of Cases
Francois-André Allaert EFMI-WG2: Data Protection and Security in Health Information Systems
Bryan Manning EFMI-WG4: Information Planning and Modelling in Health Care
Patrick Weber EFMI-WG5: Nursing Informatics in Europe
Arie Hasman EFMI-WG6: Education in Health Informatics
Nicholas Robinson EFMI-WG7: Primary Care Informatics
Robert Baud EFMI-WG8: Natural Language Understanding
Jos Aarts EFMI-WG9: Organisational Impact of Medical Informatics

Organising Committee

Rolf Engelbrecht (Chairman, EFMI) Munich-Neuherberg, engel@gsf.de
Joachim Dudeck (Chairman, GMDS) Gießen, joachim.dudeck@informatik.med.uni-giessen.de
Gottfried Dietzel (Liason BMG) Bonn
Bernd Blobel Magdeburg
Dieter Kampe Berlin
Rüdiger Klär Freiburg
Herbert Matthies Hannover
Ursula Piccolo Göttingen
Albert J. Porth Hannover
D. Peter Pretschner Braunschweig
Otto Rienhoff Göttingen
Scientific Programme The scientific programme consists of plenary and parallel sessions. The plenary sessions will include presentations by invited keynote speakers. Within the parallel sessions presentations will be given which are refereed by the Scientific Programme Committee. These sessions include long oral presentations as well as very concise short ones (the latter combined with poster discussions), workshops, and scientific demonstrations. The papers presented are research and development results, application reports, and ‘last minute’-presentations of important, most recent achievements.

Topics The challenge of the next century is to develop and introduce information technology for the improvement of quality and efficiency of health care. Telematics applications will be connected. They will focus on the patient and support evidence-based health informatics, generic medical information for health care professionals and citizens, disease management as well as case management. Biometry and Epidemiology are continuously contributing to the progress in medicine, by means of risk assessment, prevention, improvements in therapy, drug surveillance and safety, and a rational synthesis for evidence. Presentations, demonstrations, tutorials and other contributions of Medical Informatics as well as the methodological contributions of Biometry and Epidemiology are expected to cover the following subjects:

- Communication and its Infrastructure
- Telemedicine
- Electronic Health Care Record
- Patient Empowerment (Internet-based Medical Information for the Citizen)
- Workflow Management
- Modern Database Management Technologies
- Departmental Information Systems, Hospital Information Systems, Regional Information Systems
- Business Process Re-engineering
- Patient and Health Professional Cards
- Quality and Cost Management
- Modelling and Simulation
- Integration of Information Systems and Knowledge Bases
- Image Management
- Standards in Technology, Methodology and Terminology
CALL FOR PAPERS

- Robotics and Virtual Reality
- Imaging, Signal Processing and Speech Technology
- Methods for Computer Based Education and Training
- Security and Confidentiality
- Natural Language Processing
- Biocomputing

- Issues in Trial Design: Non-classical Hypotheses and Adaptive Designs in Clinical Trials
- Methodological Aspects of Meta-Analysis of Controlled Trials and Observational Studies, especially Heterogeneity
- Evidence Based Medicine and Meta-Analysis
- Diagnostic and Prognostic Studies
- Statistical Issues in Quality Management
- Beyond Classical Cox Models - Integration of Heterogeneity and Non-observable Information in Models
- Mixture Distributions, Classification and Modelling of Heterogeneity

- Epidemiological Methods
- Epidemiological Risk Assessment
- Epidemiological Surveillance and Health Reporting

- The Impact of the Internet on Clinical Studies
- Statistical and Knowledge Based Methods for Medical Decision Making
- Methodological Aspects of Data Warehouses and Data Mining
- Design and Application of Evaluation, Validation and Assessment
- Ethical, Social or Organisational Issues in Health Care and Clinical Research
Type of Papers

The Scientific Programme Committee will solicit:

Research papers
Research papers should present original research involving theory, application and practice of Medical Informatics, Biometry and Epidemiology.

Papers may also focus on reports of preliminary research results, present a survey of a subject area or otherwise contribute to Medical Informatics, Biometry and Epidemiology. The paper should include background information (e.g. the problem being addressed and specific aims of the project), explanation of methodology, evaluation (information on the practical impact) or research results and conclusions (practical interpretation of results).
A draft manuscript should not exceed five pages.

Application reports
Application reports should describe computer programmes, tools, and methodologies in real world applications. Preference will be given to applications that have undergone a well-designed evaluation.

A draft manuscript of maximum five pages including background information, a brief description of the application, and conclusions stating what lessons were learnt, is required.
Manuscripts shall be prepared according to the Author’s Instructions of IOS publishers, available at the Congress web-site.

Type of Presentations

Contributions may be presented as:

Long oral presentations
Speakers of accepted papers will have 15 minutes for presentation and 5 minutes for discussion.

Short oral presentations with poster discussions
Each speaker will have 5 minutes for presentation. Furthermore, the Scientific Programme Committee will assign space for presenting and discussing the poster (Poster dimensions and guidelines will be given with the notification of acceptance).

Demonstrations
The Scientific Programme Committee will assign time and space for demonstrations. Guidelines for presenters will be attached to the letter of acceptance.

Commercial presentations
Special sessions will be scheduled for companies to present their concepts, services, and products for a nominal fee. For further information contact the HCC: sigrid.lippka@hcc.de
The Scientific Programme Committee solicits proposals for half-day tutorials dedicated to in-depth treatment and comprehensive overview of topics related to the conference. Each tutorial session should last about three hours. MIE2000 Tutorials will take place on **Sunday, August 27**, while GMDS2000 Tutorials will be held on **Wednesday, August 30**. An honorarium will be provided for each instructor based on the number of registered attendees.

You are invited to submit (procedure see submission of papers) a proposal including:

- A well-defined title and an outline of topics to be covered;
- Name, CV and background of instructor(s);
- A short summary, describing the topics addressed (maximum half a page)
- Goals of the tutorial;
- Intended audience;
- Tutorial level (basic, intermediate, advanced, or a combination thereof (e.g. 30 percent basic, 70 percent intermediate);
- Prerequisites, if any (e.g., prior experience with a structured programming language; familiarity with basic HTML coding; etc.);
- Equipment required;
- Course material provided.

Summary of contents of tutorials will be included in the MIE2000 - GMDS2000 Congress Programme.
A number of workshops will take place during the MIE2000 - GMDS2000 Congress, e.g. on subjects related to congress topics or to activities of EFMI or GMDS Working Groups.

We invite prospective workshop organisers, and especially the chairpersons of these Working Groups, to submit (procedure see submission of papers) a one- to two-page proposal that includes:

- a one- or two-paragraph summary on the topic of the workshop, and
- a brief description of the goals of the workshop, schedule, and the professional interests of the intended audience.

It is intended to publish workshop materials as ‘workshop notes’ to be available at the Congress. Furthermore, summaries of the workshops (edited by the workshop chairperson) are planned to be published in a post-congress publication (Special issue of the International Journal of Medical Informatics (MIE2000) or the GMDS Journal Informatik, Biometrie und Epidemiologie in Medizin und Biologie (GMDS2000) respectively).

In addition, the chairperson of each workshop will be asked to present a 5-minute summary of the workshop to the general audience of MIE2000 - GMDS2000 on the last day of the relevant Congress parts.
Submission for oral
and poster presentation

The Scientific Programme Committee invites you to submit research papers and application reports for presentation. Please note that the Scientific Programme Committee reserves the right to (subject of agreement by the authors) change the type of presentation.

Papers may not be in press or under consideration for publication in identical form elsewhere. Authors of accepted contributions will have to sign a copyright form.

All accepted presentations will be included in the proceedings, provided they have been prepared according to the authors’ instructions (see web-site: http://www.mie2000.de). Proceedings will be published by the internationally recognised publisher IOS and will be available at the Congress.

In addition, extended versions of the best papers will be published in a post-congress publication (Special issue of the International Journal of Medical Informatics (MIE2000) or the GMDS Journal Informatik, Biometrie und Epidemiologie in Medizin und Biologie (GMDS2000)).

All accepted contributions will be published in the same extent and format despite their type of presentation.

Other Submissions

Tutorials and workshops may be proposed in the required form (see subsequent pages). Requests for demonstrations and commercial presentations may be submitted too.

Submission Procedure

The Congress Organiser HCC will install online procedures for submissions of papers and proposals for tutorials, etc. For the management of Congress contributions an established congress management software will be used. Links between the Congress web-site (http://www.mie2000.de) and that of the HCC (http://www.hcc.de) will be set.

The system will request you to submit the full text of your paper (up to 5 pages) online. Furthermore, administrative data and information on intended type of presentation shall be given. Further information and technical details of the submission procedure will be available at the Congress web-site. This site will also provide access to the paper submission module.

The management system will also be used for online registration of participants, registration of requests for accommodation, and for paper reviewing procedures as well.
DEADLINES AND AWARDS

**Deadlines**
- Submission of papers: January 31, 2000
- Notification of acceptance will be done within 4 weeks after submission.
- Latest date for notification: March 15, 2000
- Final version of papers: May 5, 2000
- A preliminary version of the Scientific Programme will be published on the Internet from April 2000 on.

**Awards**

**Young Scientists**
The Peter L. Reichertz Memorial Prize will be awarded to a young scientist (age less than 30 years at the opening of the Congress), provided that she or he is first author of the paper and not a member of the Scientific Programme or Organising Committees.

**Electronic Patient Record**
Dedicated to the memory of Rolf Hansen, an award will be given to the “best” original presentation on the electronic patient record. The award will be assigned to the presenter (first author), who should be a European citizen, but not a member of the EFMI Council.

**Evaluation Methods**
The Paul-Martini Prize will be awarded by the GMDS in order to foster the development of scientific methods that help to improve the evaluation of clinical-pharmacological and/or therapeutic procedures.

**Successful Applications**
An award – sponsored by the German Federal Minister of Health Andrea Fischer – will be presented to the most successful practical implementation of an application in health telematics. The implementation should demonstrate an enhancement of quality of care or cost savings.

**Innovation in Medical Informatics**
The VHK is a consortium consisting of main German manufacturers of patient-oriented information and communication systems in health care. Its Innovation-Prize will be awarded to recognize and support exceptional achievements in the field of IT in health care.

**Poster Presentation**
Poster Prizes will be awarded to poster presentations of outstanding quality, judging by content (relevance to healthcare and scientific domain), and appearance (clarity, layout and presentation). Posters by first authors being member of the Scientific Programme Committee or Organising Committee are not eligible.

For detailed information about these awards, please refer to the Congress web-site (http://www.mie2000.de). For further information in regard to the Paul-Martini Prize please contact the GMDS office (gmds@dgn.de)
GENERAL INFORMATION

EFMI and its Conferences  The European Federation for Medical Informatics is an association of 27 national societies. It is the leading organisation of Europe in this field with the aim to encourage and support the development and application of information technology in health care for the benefit of mankind. Technical work and co-ordination take place in its Working Groups. EFMI Conferences have attracted thousands of participants so far: Health care professional administrators, people engaged in research and development as well as managers and decision makers. MIE2000 is the XVI international conference.

GMDS and its Congresses  The German Association for Medical Informatics, Biometry and Epidemiology was founded as German Society for Medical Documentation and Statistics (GMDS) in 1955. Since that time it has evolved to an interdisciplinary professional association reflecting health care in research and clinical practice. GMDS supports the Academies for Medical Informatics and Biometry which offer programmes for further education to professionals in Medical Informatics, Biometry as well as Epidemiology, and to managers in medicine and health care. Being a scientific society which fosters many international contacts, GMDS is proud to host MIE2000 combined with its 45. annual conference.

Hannover and its Congress Centrum and Fairs  Hannover has many faces: It is the capital and cultural centre of Lower Saxony. Its University and the Medizinische Hochschule Hannover (MHH) are famous, and the HCC - Hannover Congress Centrum is one of the most modern and largest convention centres in Europe. The HCC is situated in the middle of the “Stadtpark” and offers not only stimulating architectural perspectives but also the best possible amenities for successful conferences.

Hannover has a long history, and lies at a junction of “old trade ways” between the east and the west, the north and the south. Today the city is well-known for its technical and industrial fairs as for example the CeBIT, and the traditional “Hannover Messe”.

In the year 2000 the attention of the world will be focussed on Hannover. The World Exposition EXPO2000 is expected to attract more than 40 million visitors from over 150 nations.

EXPO2000  The key subjects are “Mankind-Nature-Technology”. This includes medicine and its future perspectives. MIE2000 - GMDS2000 is part of the EXPO2000 Congress Programme.

As a participant of MIE2000 - GMDS2000 you will experience EXPO2000 including a visit to the thematic area of “health futures”. 
Exhibition
MIE2000 - GMDS2000

An industrial exhibition will also take place, and a floor space of 2,000m² has been reserved for industry. First options are sold. This event will demonstrate the strong connection between research and market place in health information technology.

You are kindly invited to join the international exhibition which will be organised together with the Congress and to introduce your products and achievements to a great audience of experts from Germany and abroad. This exhibition represents the most effective and direct way to promote the developments on the market.

We will be glad to enable your active participation by representing your company on the exhibition and are expecting your suggestions and wishes.

Reasons for participating in the exhibition
Taking into account the expressed interest and preliminary applications received, we expect a number of at least 1,000 participants attracted by this Congress with its wide range of scientific programmes as plenary, parallel and poster sessions. Many exhibitors will present their latest products, technical literature and equipment. The exhibition space offers many exceptional possibilities to meet experts and company representatives.

Advertisement
Please take advantage of the publicity opportunities offered in this Congress. Complement the exposure of your products and place your advertisement in the forthcoming Congress publications.

Further information regarding the Congress exhibition and possibilities for advertisement may be obtained from the HCC: sigrid.lippka@hcc.de.

Travel Information
Hannover is easily accessible by all means of transport. By plane directly from nearly all major European cities or via Frankfurt and Munich (intercontinental flights). Those participants flying into Frankfurt may take a fast train (2.5 hrs) to Hannover passing through the charming landscape. The city of Hannover is well connected with the airport by shuttle service. Hannover can be reached also by fast trains and by car on the motorway. Parking space is available in great numbers at the HCC Congress Centrum, but a high density of traffic might be expected due to EXPO 2000 in the city.
Schedule

**Sunday** (Aug. 27) Start of the Congress with Tutorials
   Inauguration Ceremony in the afternoon
   Welcome Reception and Opening of the Exhibition

**Monday** (Aug. 28) Scientific Programme dedicated to Medical Informatics
   (MIE2000 sessions)
   Workshops

**Tuesday** (Aug. 29) Scientific Programme dedicated to Medical Informatics
   (MIE2000 sessions)
   Workshops
   EFMI Garden Party

**Wednesday** (Aug. 30) Joint visit to the EXPO 2000
   Tutorials in German
   Workshops (if requested)

**Thursday** (Aug. 31) Scientific Programme dedicated to Medical Informatics,
   Biometry, and Epidemiology (GMDS2000 sessions)
   Continuation of MIE2000 sessions
   Workshops
   GMDS Farewell Party

**Friday** (Sept. 1) Scientific Programme dedicated to Medical Informatics,
   Biometry and Epidemiology (GMDS2000 sessions)
   Workshops
   Continuation of MIE2000 sessions
   Closing Ceremony of the Congress

**Social Programme**
Participants and accompanying persons are welcome to attend the social events. Detailed information on the Social Programme and other cultural events in Hannover and surroundings will be included in the Congress material which will be given to you upon arrival.

**Welcome Reception** and opening of the Exhibition following the Inauguration Ceremony
(Sunday, Aug. 27)

**EFMI Garden Party** with country special elements, music, delicatessen, etc. You will be surprised by the variety
(Tuesday, Aug. 29)

**EXPO 2000** guided tour through the thematic area “health futures”
(Wednesday, Aug. 30)

**GMDS Farewell Party** GMDS and Hannover say Farewell to EFMI - the last social highlight of the Congress
(Thursday, Aug. 31)
Excursion Programme

One-Day excursions are organised by the Congress Office of HCC. Accompanying persons are invited to participate also and see:

- Hannover-Herrenhausen's world-wide famous Barock Gardens with museum, Orangery, and Rain Forest Hall. Ladies might enjoy also a stop at the wellknown perfumery "Liebe".
- Hameln - the historic old town of the Pied Piper and the Fürstenberg-China Manufacture nearby
- The World Cultural Heritage area of Quedlinburg, Wenigerode, and Goslar, located in the Harz mountains
- Celle - the undamaged medieval town with its charming half-timbered houses and the early Renaissance castle.
- Volkswagen car manufacturing site in Hannover

For details please visit the Congress web-sites where dates, time, and prices will be announced. Online reservation of these excursions will be possible (http://www.hcc.de). Please also mark your interest in the Registration Form.

Postconvention Tours

Postconvention Tours to Berlin and Dresden will be offered to the participants of MIE2000. They start by bus on Friday, Sept. 1 and last until Monday Sept. 4. The busses will go back to Hannover on Monday. But you can also fly or travel back directly from Berlin or Dresden.

**Potsdam - Berlin - Spreewald**

The first tour day you will visit the famous palaces of the Kings of Prussia in Potsdam, Sanssouci, the New Palais, and the Cecilienhof, the place of the Potsdam Conference in 1945. Berlin and the Museum Island with the unique Pergamon Museum and the new Parliament Building, the Reichstag, will be seen on the second day. On the third day a tour to the nature preserve Spreewald - a virgin swampland with more than 1,000 km waterways, with peaceful forests and meadows - is planned including a 4-hour boat trip in typical Spreewald boats. The last day is free, discover Berlin and its shopping areas by yourself.

Price (including bus, English speaking tour guide, hotel accommodation, breakfast, entrance fees, and lunch Friday to Sunday)

**Hotel Double room € 505,– p. P., single room € 150,– extra charge.**
**Dresden and Saxon Switzerland**

The main capital of the Saxon Kingdom and its treasuries is the target of the second trip. It starts with a guided sightseeing tour through the historic and new parts of Dresden. The "Green Vault", the treasure collection of the Saxon kings, the Semper Opera House and the Old Master Picture Gallery with Raffael’s "Sistine Madonna" will be visited in guided tours on the second day. An excursion to the impressive limestone rock formation of the Saxon Switzerland including a boat trip on the river Elbe from Bad Schandau to Pirna will take place on the third day. The fourth day is devoted to a visit in the famous Meissen Porcelain Manufactory which presents masterpieces of "White Gold" from the past and present.

Price (including bus, English speaking tour guide, hotel accommodation, entrance fees, breakfast, lunch on Friday and Monday, dinner on Sunday).

In double room

- *** Hotel € 520,— p. P. (single room € 170,— surcharge)
- **** Hotel € 560,— p. P. (single room € 150,— surcharge)

**REGISTRATION**

Registration is required for all participants and accompanying persons. Fees are graded according to status of a participant (EFMI/GMDS members, non-members, students, accompanying persons), attendance days (Sunday to Friday or Wednesday to Friday, one-day participation), and registration deadlines.

Full regular registration includes

- admittance to all congress sessions, and to the exhibition
- receipt of conference materials and proceedings
- refreshments during the breaks, and lunches
- participation in the social events (Welcome Reception, EFMI Garden Party, Farewell Party, and the joint visit to the EXPO 2000).

The registration fee for members of the organising societies GMDS and EFMI includes the aforementioned services at a reduced price. Members of DVMD and BVMI are on equal terms.

Students may attend the Congress at special rates - members of GMDS/EFMI as well as BVMI and DVMD will be admitted at a reduced price. To obtain a student fee it is necessary to provide adequate documentation.

Please note that the **EXPO 2000 ticket is not included** in the student fee.
One-day participants' registration fee includes
- admittance to all congress sessions, and to the exhibition on the set date
- receipt of conference materials and proceedings
- refreshments during the breaks, and lunch of that day
- participation in the social event of that day.

Accompanying persons are invited to register. The registration fee includes the guided tour to Hannover-Herrenhausen Gardens, Welcome Reception, EFMI Garden and GMDS Farewell Party, as well as the EXPO 2000 ticket.

### Registration Fee for All-Congress Participation (Sunday to Friday)

<table>
<thead>
<tr>
<th>Registration Fee (in €)</th>
<th>Registration before 30.04.2000</th>
<th>Registration before 30.06.2000</th>
<th>On-site Registration</th>
<th>Day tickets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Participation</td>
<td>400</td>
<td>475</td>
<td>525</td>
<td>270</td>
</tr>
<tr>
<td>EFMI/GMDS Members</td>
<td>325</td>
<td>380</td>
<td>440</td>
<td>230</td>
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<tr>
<td>Students (Non-Members)</td>
<td>200</td>
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<td>Students (EFMI/GMDS Members)</td>
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<tr>
<td>Accompanying Persons</td>
<td>120</td>
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### Registration Fee for Congress Part II - Participation (Wednesday to Friday)

<table>
<thead>
<tr>
<th>Registration Fee (in €)</th>
<th>Registration before 30.04.2000</th>
<th>Registration before 30.06.2000</th>
<th>On-site Registration</th>
<th>Day tickets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Participation</td>
<td>225</td>
<td>265</td>
<td>290</td>
<td>150</td>
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<tr>
<td>EFMI/GMDS Members</td>
<td>175</td>
<td>210</td>
<td>235</td>
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<tr>
<td>Students (Non-Members)</td>
<td>200</td>
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<td>Students (EFMI/GMDS Members)</td>
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<td>100</td>
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</tbody>
</table>

You can register either electronically (on-line) via the Congress web-site ([http://www.hcc.de](http://www.hcc.de)) or by the enclosed Registration Form which shall be sent to the HCC.
If indicated in the Registration Form your credit card will be charged. Otherwise HCC will send you an invoice.
REGISTRATION

Payments  Payments are to be made in €
By credit card - Visa, Eurocard/Mastercard, American Express
By bank transfer to
Beneficiary: Hannover Congress Centrum (HCC)
Account No.: 999 888
Bank Code: 250 500 00 (BLZ)
Bank Name: Norddeutsche Landesbank (NORD/LB)
Bank Address: Georgsplatz 1, D-30159 Hannover
Payments have to be made without any charge on behalf of the beneficiary.
All payments must clearly state payees and/or accompanying persons' name(s).
On-site payment will be accepted as well when registering on-site.

Confirmation  Your registration and payments will be confirmed in writing upon receipt of your Registration Form and payment.

Cancellation  All cancellations must be sent in written form and addressed to the HCC. Refunds will be approved after the Congress. A processing fee will be retained: € 40,– for cancellation before May 31, 2000; € 60,– for cancellations after June 30, 2000. No refunds after July 31, 2000. Substitutions can be made at any time.

Letter of Invitation  A letter of invitation to attend the Congress will be sent on individual request. The invitation is intended to facilitate participants' travel and visa arrangements, and does not imply the provision of any financial or other form of support.

Accommodation  Hannover as a well-known market place for international fairs (e.g. CeBIT or Interhospital) is prepared to receive visitors of EXPO 2000 and participants of numerous congresses that are linked to this event. A tradition (since more than 30 years) in Hannover is Bed & Breakfast in private homes, which is very popular among all visitors of Hannover fairs and conferences. This form of accommodation is also available in smaller hotels inside and outside the city. Of course there are congress hotels offering international standards within the city boundaries and on the city outskirts. The large amount of hotel rooms available during the year 2000 is further extended by rooms in ship hotels, youth hostels, and student dormatories.
For the participants of MIE2000 - GMDS2000 the following accommodation categories are available:

**Bed & Breakfast accommodation in private homes**
Price per person sharing a double room between approximately € 40,– and € 50,–; single room surcharge from about € 5,– to € 25,–.
Prices will vary depending on the distance of the accommodation from the Congress venue (journey time of up to 30 minutes, up to 60 minutes, more than 60 minutes.

***Hotels and hotel ships***
(Hotel ships on the city outskirts and hotels at a distance in excess of 25 km) Price per person including breakfast sharing a double room between € 60,– and € 125,–; single room surcharge between € 20,– to € 30,–.

*** Hotels and ****Hotels within the city boundaries***
Price per person including breakfast sharing a double room from between € 105,– to € 210,–; single room supplement about € 55,–.

For young and dynamic colleagues we suggest accommodation in youth hostels or student dormitory. Price per person per night would approximately € 15,–. Such accommodation is available not only in Hannover but also in adjacent cities such as for example Göttingen. A weekly rail ticket from Hannover main station to Göttingen costs approximately € 100,–. Göttingen can be reached in about 35 minutes from Hannover on the ICE express service.

The World Exposition EXPO 2000 will attract an enormous number of visitors daily; it is to be recommended therefore that you place your room orders as soon as possible to ensure that we are in a position to optimise your accommodation.

**Bookings and cancellations**
Easy Room GmbH, the official accommodation agency of the EXPO city of Hannover will effect your accommodation bookings for you. On-line registration will be provided via the HCC web-site (http://www.hcc.de). It will link you to the Easy Room site where you can obtain further information concerning booking arrangements and in particular concerning terms and conditions of booking. You can order accommodation by completing and returning by fax the registration/accommodation order form enclosed.
CONFERENCE REGISTRATION MIE2000 - GMDS2000, August 27 – September 1, 2000

In case you will not be able to register online (http://www.hcc.de), please return this form (or photocopy) to
Hannover Congress Centrum (HCC), Theodor-Heuss-Platz 1-3, D-30175 Hannover, Germany, Fax: +49 511 8 11 35 43, sigrid.lippka@hcc.de

Please complete this section (type in block letters and tick the boxes). Use only one form per registrant.

Name (as you wish it to appear on your badge) .................................................................

Degree / Title ..........................................................................................................................

Affiliation / Institution ..........................................................................................................

Specialty / Department ........................................................................................................

Address .................................................................................................................................

City / State / Zipcode ..........................................................................................................

Country .................................................................................................................................

Phone ..................................................................................................................................
Fax ........................................................................................................................................

I will be accompanied by ☐ Mr. ☐ Ms. ☐ Child

Family Name .......................................................................................................................
First Name .........................................................................................................................

I am a member of the scientific organisation: ................................................................. Membership No.: ................................

I will participate in the Full Conference Participation (Sunday to Friday)

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<tbody>
<tr>
<td>Full Participation</td>
<td>☐ € 400,–</td>
<td>☐ € 475,–</td>
<td>☐ € 225,–</td>
<td>☐ € 265,–</td>
</tr>
<tr>
<td>EFMI/GMDS Members</td>
<td>☐ € 325,–</td>
<td>☐ € 380,–</td>
<td>☐ € 175,–</td>
<td>☐ € 210,–</td>
</tr>
<tr>
<td>Students (Non-Members)</td>
<td>☐ € 200,–</td>
<td>☐ € 225,–</td>
<td>☐ € 200,–</td>
<td>☐ € 225,–</td>
</tr>
<tr>
<td>Students (EFMI/GMDS Members)</td>
<td>☐ € 170,–</td>
<td>☐ € 190,–</td>
<td>☐ € 90,–</td>
<td>☐ € 100,–</td>
</tr>
<tr>
<td>Accompanying Persons</td>
<td>☐ € 120,–</td>
<td>☐ € 120,–</td>
<td>☐ € 100,–</td>
<td>☐ € 100,–</td>
</tr>
</tbody>
</table>

One-day participation only on ………………… (date) for ………………… (price in €)

I intend to participate in the following social events (included in the registration fee)
☐ Welcome Reception ☐ EFMI Garden Party
☐ Joint Visit to the EXPO 2000 ☐ GMDS Farewell Party

I would like to take part in the excursion programme (for prices refer to Congress web-site)
☐ Herrenhausen Gardens (No. of persons: ………..) ☐ Hameln Pied Piper town (No. of persons: ………..)
☐ Celle and its Castle (No. of persons: ………..) ☐ World Culture Heritage Area (No. of persons: ………..)
☐ VW Car Manufacturing Site (No. of persons: ………..)

I will participate in the Post-Convention Tour
☐ Tour No. 1 to Potsdam-Berlin-Spreewald (No. of persons: ……….. at a total price of ………..€)
☐ Tour No. 2 to Dresden and Saxon Switzerland (No. of persons: ……….. at a total price of ………..€)
☐ Please charge my ☐ Visa Card ☐ Eurocard/Mastercard ☐ American Express Card
Card No. ………………………………………………… Exp. date …………………………………

Name of Cardholder …………………………………………… Signature ……………………………

☐ Please send me an invoice. Fees will be transferred to the bank account No. 999 888 of the Norddeutsche Landesbank (NORD/LB), Hannover (Bank Code 250 500 00).

Date ………………………………………………… Signature ……………………………

ACCOMMODATION ORDER MIE2000 - GMDS2000, August 27 – September 1, 2000

This form will be forwarded to Easy Room for handling and booking

For information and request please contact directly: Easy Room Tel. +49 - 18 05 - 65 10 00

I / we order the following accommodation:

Arrival Date: …………………………… Departure Date: ……………………………

I / we will arrive by ☐ plane ☐ train ☐ bus ☐ car

Accommodation (all rooms include breakfast): ☐ Single room ☐ Double room

☐ in a youth hostel or student dormitory ☐ in private home ☐ in a small hotel

within a distance to the congress venue of ☐ up to 30 minutes ☐ up to 60 minutes ☐ more than 60 minutes

☐ in *** hotel or a ship hotel ☐ within the city outskirts ☐ in a distance of more than 25 km

☐ in *** hotel ☐ in **** hotels within the city boundaries

If there are no vacancies in the category chosen, please offer alternatives!

Date ………………………………………………… Signature ……………………………