# Programme



Open IFIP-GI-Conference on Social, Ethical and Cognitive Issues of Informatics and ICT

July 22-26, 2002 University of Dortmund Germany

e-learning media education change management didactics of informatics



http://seciii.cs.uni-dortmund.de

# About SECIII ...

IFIP education has a tradition of organising exciting conferences which stimulate discussion, foster the exchange of ideas and knowledge, and generate more informed understanding of the issues of Informatics and ICT in education: SECIII will be no exception.

A range of conference activities are now in place. 26 papers have been selected for presentation in themed sessions. Two other types of sessions are planned – interactive sessions with short presentations to stimulate and even provoke discussion, and working groups which will explore a theme throughout the week. The programme has been designed to ensure that all participants are included in a range of activities and become members of active discussions.

Keynotes presentations will stimulate further thought.

- · Obstacles of connecting social, ethical and cognitive issues of Informatics,
- European research into social consequences of ICT,
- · Scientific challenges of e-learning,
- · Paradigm shifts for Didactics of Informatics,
- Scientific foundations for a code of ethics for ICT-profession.

In addition two special days are interwoven across the programme. On Tuesday highlights of the German projects at university and secondary school level will be presented and discussed – projects that are exploring e-learning, distance education, the changing the role of the teacher. On Thursday is an additional theme of vocational education, and the business sector will be there to interact with educators and reflect on the impact of a new dual training partnership and integrated curriculum between schools and the industry.

These additional streams will run in parallel to and interface with the SECIII programme – and all day social interchange will facilitate the exchange of ideas and understandings. Some of these will be active classroom sessions for participants.

Full internet connectivity is available all week – though of course you will be too busy working in the real time access sessions to need this!

Because this is more than a working conference – interwoven will be formal and informal social events – from the opening reception on Sunday, market place and informal gathering on Monday, conference banquet on Tuesday, conference trip to Paderborn on Wednesday, to the concert and social gathering on Thursday. This is an event where meeting old friends, making new ones and networking across a range of experiences and cultures is fully incorporated into the planning.

You will have a chance to enjoy the local environment and culture within conference and beyond in Dortmund and the region. You can expect sunny clear days, with temperatures around 25-30. Usually no coats needed, even in the evening - this is high summer for Germany. Informality will rule - with only slightly more formal dress for the banquet.

Dortmund is based on a large open campus with easy transport links between university and downtown. The campus has an own metro station. Indeed there are direct rail links to the airport of Düsseldorf.

A visit of the SECIII conference can be combined with another great event – the famous exhibition

# Documenta11

Kassel, June 8 – September 15, 2002

# Programme of the IFIP-GI-Conference

Sunday, 21st July 2002

2.00 pm	Begin of registration
3.00 pm	<ul> <li>Webucation at SEC III2002</li> <li>'Lernstatt' Paderborn Mr. Michaelis</li> <li>The sun@school concept Thore Bahr</li> <li>What would a Webucation Worldwide Workplace be? Werner Roth, Joachim Baumert</li> <li>StarOffice 4 Kids – A Technical Overview Frank Meiners, Stefan Mrosh</li> <li>A Teaching Scenario Oliver Hopt</li> <li>Chair: Reinhard Keil-Slawik</li> </ul>
6.00pm	Open keynote (all visitors welcome) Obstacles of connecting social, ethical and cognitive issues of Informatics and ICT Chair: Deryn Watson

7.00 pm Welcome reception at the University of Dortmund "30 years of Informatics in Dortmund" Dean Thomas Herrmann

# Monday, 22nd July 2002

## 10.00am Opening session

- Principal of University of Dortmund
- Keynote address
   Federal Minister of Education and Research Edelgard Bulmahn
  - Vice Minister and Spokeswoman of the Federal State North Rhine-Westphalia Miriam Meckel
  - Lord mayor of Dortmund
  - President of German Informatics Society Heinrich Mayr
  - Representative of IFIP Deryn Watson
  - Chair: Sigrid Schubert

#### 1.00 pm Paper session "Ethical aspects"

- Intelligent agents in an e-literate society: some ethical considerations Carolyn Dowling
- Critical Thinking and an Ethical Approach to Studying History: the case for ICT
  - Alnaaz Kassam
- A look at the impact of ICT on the informational power relationship between corporations and consumers Christopher Lueg
   Chair: Helene Godinet
- 1.00 pm Paper session "Curricula and teacher education"
  - Teacher training the interplay of IT and society Christian Görlich, Ludger Humbert

- Let's teach informatics empowering pupils, students and teachers
  Ludger Humbert
- Modern curriculum development for informatics (computing science) Tom van Weert, Fred Mulder
   Chair: Robert Munro
- 3.00 pm Provocative session I
  - Shared Knowledge in Enterprises
     Andreas Becker
  - One Notebook Per Teacher: A sustainable concept for a wide ICT integration in school Beat Döbeli Honegger, Marc Pilloud
  - Computer Science as a Profession in Germany: an academic perspective Esther Ruiz Ben, Britta Schinzel
     Chair: Hans Decker
- 3.00 pm Provocative session II
  - Ethical Apprenticeships? Barry H. Blakely
  - Beware the dreams ...
    Hendrik Jeremy Mentz
  - Paradigm shift on education through thematic modeling under object oriented support Clara Amélia de Oliveira
  - Chair: N.N.
- 5.00 pm First keynote The Think project – European research into social consequences of ICT Chair: Tom van Weert
- 6.00 pm *Market place*

On the first day of the conference interactive sessions (e.g. provocative papers) and the market place, where conference participants will present views, materials and ideas to interested colleagues, will provide concepts, ideas and suggestions which different discussion groups will explore. The concepts and issues will be concerned with the three aspects of the conference – the social, the ethical and the cognitive dimension.

# Tuesday, 23<sup>rd</sup> July 2002

- 9.00 am Second keynote Scientific challenges of e-learning Colin Harrison, Director of the centre for advanced learning at IBM-Research, Zurich Chair: Sigrid Schubert
- 10.30am Working group discussion I
- 10.30am Sharing the German view I
  - Presentation of German projects "New media in Higher Education" I Chair: Friedrich Neumann
  - Presentation of German projects "ICT at schools" I Planning and implementation of an on-line supported in-service teacher training (Inset) course – Plans and experiences from the ANUBA project Ernst Tiemeyer Chair: Wolfgang Weber

1.00 pm	<ul> <li>Sharing the German view II</li> <li>Presentation of German projects "New media in Higher Education" II Chair: Friedrich Neumann</li> <li>Presentation of German projects "Didactics of Informatics" I <ul> <li>Informatics – A new Mandatory Subject at Secondary Schools Elke Frey</li> <li>Mecklenburg-Western Pomerania as the first federal state sets a new course for an overall plan of computer science education in general schools Norbert Breier, Reiko Kretzschmar</li> <li>Small Projects at the end of the first year Theo Heusser</li> <li>"From mice and pencils" - further development of object-oriented learning</li> <li>J. Czischke, V. Kampmeier Chair: Peter Hubwieser</li> </ul> </li> </ul>
3.00 pm	<ul> <li>Paper session "Special schools"</li> <li>ICT: an aid to inclusion? Reflections on the potential of ICT for the changing role of the special school Chris Abbott, John Galloway</li> <li>Various modeling aspects of tutoring systems for people with auditory disabilities Nelson Baloian, Wolfram Luther Chair: N.N.</li> </ul>
3.00 pm	<ul> <li>Paper session "Cooperative learning"</li> <li>A Role-Based Adaptive CSCL Environment for Intensive Hands-on Teaching / Learning under Rigid Time Constraints Horst F. Wedde, Frank Thorsten Breuer, Muddassar Farooq</li> <li>KOLUMBUS: Context-oriented communication support in a collaborative learning environment Thomas Hermann, Andrea Kienle</li> <li>Chair: N.N.</li> </ul>
3.00 pm	<ul> <li>Sharing the German view III</li> <li>Presentation of German projects "New media in Higher Education" III Chair: Friedrich Neumann</li> <li>Presentation of German projects "ICT at schools" II Chair: Wolfgang Weber</li> <li>Presentation of German projects "Didactics of Informatics" II <ul> <li>Reformation of the Vocational IT-Education in Switzerland – a paradigm change Daniel Hauenstein</li> <li>Cyvoting – Voting with the internet Peter Micheuz</li> </ul> </li> <li>Chair: Peter Hubwieser</li> </ul>
4.30 pm	<ul> <li>Going further from cases I</li> <li>Integrating ICT and Computer Ethics in Secondary Education: An Australian Case Study Prathiba Nagabhushan, Steve Bath </li> <li>Interactions in On-line Learning Jost-Peter Kania, Debora Weber-Wulff</li></ul>

 Chat in the Primary Curriculum: Friend or Foe? Robert Tomaschewski Chair: N.N.

#### 4.30 pm Going further from cases II

- Edugraph: Software to Teach Computer Graphics Concepts André Luiz Battaiola, Nassim Chamel Elias, Rodrigo de Godoy Domingues
- Developing of Informatics Curricula for Comprehensive Valentina Dagienë
- What is going on with informatics education in the Netherlands
   Ard Hartsuijker
- Asynchronously Routing Technology Solutions (ARTS) to the Delta Dale Magoun, Charlotte Owens, Andy Goodman, Jim Potts, Georgiann Potts, Eric Jackson

Chair: N.N.

# 4.30 pm Sharing the German view IV

- Presentation of German projects "New media in Higher Education" IV Chair: Friedrich Neumann
- Presentation of German projects "ICT at schools" IV Chair: Wolfgang Weber
- Presentation of German projects "Didactics of Informatics" III
  - Life^3: A Learning Environment for Teaching Object-Oriented Modelling to Beginners in Secondary Education Carsten Schulte
  - Functional Programming as a teaching vehicle in class 11 Herrmann Puhlmann
  - Sun@School SUN Deutschland Chair: Peter Hubwieser
- 7.00 pm Conference dinner at DASA (Famous exhibition of occupational safety and health)

# Wednesday, 24th July 2002

- 9.00 am Focused debate I
  - Web Authentication: User Acceptability Issues
     Abhijit Rao
  - Towards a pedagogical framework for teaching programming and object-oriented modelling in secondary education Carsten Schulte
  - Nature Centered Design: A Novel Framework for Engineering and Science Education in the new millennium Horst F. Wedde, Muddassar Farooq Chair: Hans-Ulrich Dönhoff

#### 9.00 am Focussed debate II

- Citizens would rather be online than in-line : Truth or Hype? Dipnarayan Guha
- Social and Ethical Issues in School IT Curricula and Use: The Case of Intellectual Property and Plagiarism Anne McDougall
- Ethical issues in the use of embedded social protocols to resolve technical problems
   Toni Robertson

Chair: N.N.

- 9.00 am Workshop "Virtual University of Applied Sciences" I Gudrun Görlitz, Dieter Hannemann, Lorenz Hucke, Jost-Peter Kania, Debora Weber-Wulff Chair: Günter Siegel
- 9.00 am "Multimedia projects of NRW"
  - Teaching and learning system for mathematics and statistics education (inquired)
  - Learning environment for chemistry in secondary education (inquired)
  - Virtual MootCourt (inquired)
  - Chair: Ernst-Erich Doberkat

# 11.00am ABITUR-ONLINE.NRW

The State of North Rhine-Westphalia has initiated comprehensive educational projects to promote self-guided and web-based learning in secondary education, adult education, and in service teacher training. One corner stone of this future oriented project is the introduction of an educational scheme offering part time distant learning courses to participants in evening classes. Chair: Volker Kampmeier

- 11.00am Working group discussion II
- 11.00am Workshop "Virtual University of Applied Sciences" II Gudrun Görlitz, Dieter Hannemann, Lorenz Hucke, Jost-Peter Kania, Debora Weber-Wulff Chair: Günter Siegel
- 1.00 10.00 pm Excursion to HNF Paderborn with reception (dinner included)

# Thursday, 25th July 2002

- 9.00 am Third keynote Paradigm shift for Didactics of Informatics Andreas Schwill, University of Potsdam Chair: Raul Wazlawick
- 10.30 am Paper session "Social aspects"
  - Teaching Social Informatics as a Knowledge Project Iver Jackewitz, Michael Janneck, Detlev Krause, Bernd Pape, Monique Strauss
  - Using a Lecturer's Personal Web Site to Enhance the Social Interchange among Students in an Academic Course David Passig
  - Potential Problems of Computer-Mediated School Education Glenn Russell

Chair: Yvonne Büttner

- 10.30am Paper session "Pedagogical concepts"
  - Taking the best from real teaching environment Iolanda Cortelazzo
  - Innovative Pedagogical Practices using ICT Results of the German SITES-M2
  - Rebekka Dalmer, Thomas Petzel, Renate Schulz-Zander
  - Net-based Distance Education in the Traditional University Paul-Th. Kandzia
  - Chair: Johannes Magenheim

Time	Sunday 21 <sup>st</sup> July 2002	Mon 22 <sup>nd</sup> Jul		Tuesday 23 <sup>rd</sup> July 2002				
9.00 am					Keyn	ote II		
9.30 am								
10.00 am				Break				
10.30 am		Opening						
11.00 am		Keynote of Min		Workinggrou discussion I	р	Sharing the German view I		
11.30 am								
12.00 pm				Lunch				
12.30 pm				Lunon				
1.00 pm			Papersession -					
1.30 pm		Papersession - Ethical aspect	Curricula and teacher education	Sharing the German view II				
2.00 pm	Registration							
2.30 pm				Break				
3.00 pm				Papersession - Specialschools	Cooperative Germa		Sharing the German view	
3.30 pm		Provocative session I	Provocative session II				iii iii	
4.00 pm	Webucationat SEC III 2002				Break			
4.30 pm		Break				Charles th		
5.00 pm		Keynd	ote I	Going further from case I	Going further from case II	Sharing the German view IV		
5.30 pm	Break							
6.00 pm	Openkeynote							
6.30 pm		Marketplace						
7.00 pm	Welcome reception			Dinner at DASA				

Time	WednesdayThursday24th July 200225th July 2002					Friday 26 <sup>th</sup> July 2002				
9.00 am 9.30 am	Focused debate I	Focused debate II	Workshop I	Multimedia projects in NRW	Keynote III Break		Paper session - Virtual	Paper session - Methodsof informatics		
10.00 am							communities			
10.30 am	Break							Break		
11.00 am	Workin	ggroup	Workshop II	Abitur- Online.NRW	Paper session - Social		ession - calconcepts	Keynote IV		
11.30 am		sion II			aspects					
12.00 pm								Presentationofresults		
12.30 pm				Lunch				Closingsession		
1.00 pm										
1.30 pm						Creative exchange II	Sharing the IT professions			
2.00 pm										
2.30 pm					Break			Guided Tour Dortmund		
3.00 pm								Guidea Tour Dortmuna		
3.30 pm						Open workshop				
4.00 pm	Excu		INF Paderb	orn with	Object models	WG 3.1	WG 3.2			
4.30 pm										
5.00 pm						Break				
5.30 pm					Working group discussion III					
6.00 pm										
6.30 pm										
7.00 pm	1				Concerto	ofUniversity	/Orchestra			

1.00 pm	<ul> <li>Creative exchange I</li> <li>Facilitating Critical Evaluation of Information on the World Wide Web Marie Iding</li> <li>Real-time Web User Behavior Data Abhijit Rao</li> <li>Registry on Public School – Using technology to serve people Joaquim Celestino Júnior, Marcos Clayton Pessoa</li> <li>Chair: N.N.</li> </ul>
1.00 pm	<ul> <li>Creative exchange II</li> <li>The European Information Society: Social Dimension Panagiotes S. Anastasiades</li> <li>Re-inventing Engineering Education: Integrating Information Technology in the Mathematics Courses of the Faculty of Engineering, University of Santo Tomas Cristino A. Carbonell</li> <li>Animated Pedagogical Agent in a Learning Environment Maria Augusta S. N. Nunes, Luciane Fraga, Leandro L. Dihl, Lisiane Oliveira, Cristiane R. Woszezenki, Deise J. Francisco, Glaucio J. C. Machado, Carmen R. D. Nogueira, Maria da Glória Notargiacomo Chair: N.N.</li> </ul>
1.00 pm	<ul> <li>Sharing the IT Professions</li> <li>A new curriculum of Higher Education "IT-Professional" Hans-Jürgen Kottmann, IT Centre Dortmund</li> <li>Experiences with the IT Professions The Federal Institute for Vocational Training</li> <li>Chair: Burkhard Igel</li> </ul>
3.00 pm	<ul> <li>Paper session "Object models"</li> <li>Exploration of Object-Oriented Models in Informatics Education Torsten Brinda, Sigrid Schubert</li> <li>Object Models of IT-Systems supporting Cognitive Structures in Novice Courses of Informatics Peter Hubwieser</li> <li>Design pattern, a topic of the new mandatory subject informatics Markus Schneider</li> <li>Development of multimedia animations – a contribution of informatics teaching to media studies Michael Weigend</li> <li>Chair: N.N.</li> </ul>
3.00 pm	Open workshop of Working Group 3.1 "Informatics and ICT in Secondary Education" Chair: Deryn Watson
3.00 pm	Open workshop of Working Group 3.2 "Informatics and ICT in Higher Education" Chair: Tom van Weert
5.30 pm	Working group discussion III

7.00 – 9.00 pm Concert of University Orchestra

# Friday, 26<sup>th</sup> July 2002

9.00 am	<ul> <li>Paper session "Virtual communities"</li> <li>Regional Learning Networks – Building Bridges Between Schools, University and Community Andreas Breiter</li> <li>Online Knowledge Communities: Meeting places for continuing professional development Sjoerd de Vries</li> <li>Distribution of Internet Community Knowledge based on traditional Communication Media J.F. Hampe, S. Schönert</li> <li>Chair: N.N.</li> </ul>
9.00 am	<ul> <li>Paper session "Methods of informatics"</li> <li>Learning Software Engineering with EASE Dirk Draheim</li> <li>Key Decisions in Adopting Algorithm Animation for Teaching Guido Rößling</li> <li>Learning to solve ICT / informatics-based problems Mary Webb</li> <li>Chair: N.N.</li> </ul>
11.00am	Fourth keynote Scientific foundations for a code of ethics for ICT-profession Chair: Raymond Morel
12.00pm	Presentation of results
12.30pm	Closing session Chair: Sigrid Schubert
1.30 – 4.30 p	m Guided tour "Dortmund – yesterday and today"

A visit of the SECIII conference can be combined with another great event – the famous exhibition

# Documenta11

in Kassel (June 8 – September 15, 2002) before or after the SECIII conference.

# The documenta exhibitions

It was Arnold Bode, a painter and academy professor from Kassel, who in 1955 made the attempt to reestablish Germany as a partner of discourse to the rest of the world, and to reconnect it with international art by organizing a "Presentation of the Art of the 20<sup>th</sup> Century".

After founding the "Society of the Occidental Art of the XX Century", he managed, with the support of this society, to present classical modern art in the still destroyed Museum Fridericianum, the art which had been defamed as degenerated by the National Socialists, and to present it in such a way as it had never before been seen in Germany.

From June 8<sup>th</sup> until September 15<sup>th</sup> 2002 Documenta11 will take place in several exhibition spaces in Kassel. Projects and works of more than 100 international artists of every generation will be presented. The exhibition includes pieces of every type of media: sculpture and drawing, photography and architecture, film, video, sound- and internetworks, performance and concert.

# Registration

#### You can register on-line

URL: http://g2.www.dortmund.de/inhalt\_externe/secdrei/form\_secIII.htm until Friday, 5<sup>th</sup> July 2002. If you haven't registered by then, you can still register on site - at the University of Dortmund.

## **Registration fees**

## Participants

Including attendance at all sessions, full set of conference documents, cd-rom of conference presentation materials, post conference book (Kluwer Academic Publishers), coffee/tea in breaks, admission to the conference market place, welcome reception at the University of Dortmund, visit of HNF Paderborn (world's biggest computer museum, dinner included) and concert of the university orchestra.

Early bird - register before 31<sup>st</sup> March 2002 **Euro 240,**-Normal - register after 1<sup>st</sup> April 2002 **Euro 480,**-

#### Accompanying persons

Including access to the conference market place, welcome reception at the University of Dortmund, visit of HNF Paderborn (world's biggest computer museum, dinner included), concert of the university orchestra and the possibility of attending the social programme at an extra cost. Attendance at the sessions is not included.

Normal - register Euro 99,-

#### • Students

Including attendance at all sessions, full set of conference documents, coffee/tea in breaks, admission to the conference market place, welcome reception at the University of Dortmund, visit of HNF Paderborn (world's biggest computer museum, dinner included) and concert of the university orchestra. A cd-rom of conference presentation materials and the post conference book (Kluwer Academic Publishers) are not included in the fee, but can be purchased at extra cost.

Early bird - register before 31<sup>st</sup> March 2002 **Euro 49,-**Normal - register after 1<sup>st</sup> April 2002 **Euro 98,-**

#### • The German View - 1-day ticket, Tuesday, 23<sup>rd</sup> July 2002

Including attendance at all sessions of the morning, special further education programme in the afternoon (the language for this programme is German) plus certificate of participation, coffee/tea in breaks, admission to the conference market place.

Early bird - register before 31<sup>st</sup> March 2002 **Euro 39,-**Normal - register after 1<sup>st</sup> April 2002 **Euro 78,-**

# • The Day of Economy - 1-day ticket, Thursday, 25<sup>th</sup> July 2002

Including attendance at all sessions of the morning, special further vocational education programme in the afternoon plus certificate of participation, coffee/tea in breaks.

Early bird - register before 31<sup>st</sup> March 2002 **Euro 39,**-Normal - register after 1<sup>st</sup> April 2002 **Euro 78,**- Payment must be made in Euro (€) to the order of SECIII 2002, c/o Didactics of Informatics, University of Dortmund, D-44221 Dortmund and remitted as follows:

- by bank transfer to Account No. 1300516 Bank identification code: 430 500 01 Universitaetskasse Bochum / Sparkasse Bochum, Germany Reason for transfer: 06 / 05160 / 28211 / 0420024 / <name of participant>
- by charging your credit card as stated and signed on the online registration form

### Changes

The organisers reserve the right to adjust or change the programme if necessary.

## Liability and insurance

Neither the organisers (SECIII 2002) nor the conference bureau will assume responsibility whatsoever for damage or injury to persons or property during the conference.

Participants are recommended to arrange their own travel and health insurance.

#### **On-site Registration**

Registration 24 hours or less before the conference will be considered as on-site registration. Consequently, participants registering less than 24 hours before the conference must anticipate minor delays at the registration desk in connection with the issuing of documentation and settlement of accounts. The desk will be open on Sunday, 21<sup>st</sup> July 2002, from 2.00 to 5.00 pm.

# Social activities

# • Sunday, 21<sup>st</sup> July 2002

#### 7.00 pm Welcome reception at the University of Dortmund

The welcome reception will take place at the Mensa of the University Dortmund. The reception is included in the registration fee, and all conference participants and registered accompanying persons are invited. Please indicate on the registration form whether you wish to attend. Dress: Informal.

#### • Tuesday, 23<sup>rd</sup> July 2002

# 7.00 pm Conference dinner at DASA (Famous exhibition of occupational safety and health)

The Conference Dinner will take place at the DASA (famous exhibition of occupational safety and health) near the University of Dortmund. Since space is limited registrations will be handled on a first-come-first-served basis. If you wish to take part in the Conference Dinner, please indicate on the registration form.

Dress: Business Suit Price: **Euro 25**,-

#### Wednesday, 24<sup>th</sup> July 2002

# 1.00 – 10.00 pm Excursion to HNF Paderborn with reception (dinner included)

At the educational excursion to Paderborn the Education Center of the Siemens company will be presented. After a visit of the world's biggest computer museum, the Heinz Nixdorf Forum (HNF), a reception will take place, which is sponsored by Siemens.

Busticket: Euro 15,-

## Thursday, 25<sup>th</sup> July 2002 7.00 – 9.00 pm Concert of University Orchestra

# • Friday, 26<sup>th</sup> July 2002

## 1.30 - 4.30 pm Guided tour "Dortmund - yesterday and today"

Come with us on a tour of Dortmund as it was in the past and as it is today. You will see many sights, old and new, of Dortmund and its suburbs, you will hear many facts, figures and stories from Dortmund's history. Discover not only the Port of Dortmund and the Borsigplatz but also idyllic miners' houses and medieval moated castles like "Schloss Bodelschwingh". The highlight at the end of the tour will be a visit to the former coal-mine "Zeche Zollern II/IV". A guided tour of this - for its time - exemplary coal-mine with original Art Noveau architecture will leave a lasting impression

Price: Euro 25,-

## Organizers

#### International Programme Committee

Yvonne Büttner (Genéve, CH) Volker Claus (Stuttgart, D) Helene Godinet (Lyon, F) Raymond Morel (Genéve, CH) Robert Munro (Glasgow, UK) Sigrid Schubert (Dortmund, D) Deryn Watson (London, UK), chair Tom van Weert (Utrecht, NL) Raul Wazlawick (Santa Catarina, BR)

# National Organising Committee

Annegrit Brunkhorst-Hasenclever (Düsseldorf) Volker Claus (Stuttgart) Hans Decker (Dortmund) Hans-Ulrich Dönhoff (Düsseldorf) Stefanie Gerzewski (Dortmund) Burkhard Igel (Essen) Volker Kampmeier (Soest) Martin Lutz (Dortmund) Johannes Magenheim (Paderborn) Sigrid Schubert (Dortmund), chair Wolfgang Weber (Soest)

#### Local Organising Committee

Edelgard Bauer Rolf Bauer Torsten Brinda Hans Decker Josef Hüvelmeyer Marie Kuhl Alexandra Nolte Athanasios Papoulias Hans-Werner Rixe Sigrid Schubert Eckhard Schulte Günter Schwichtenberg Manfred Thibud

#### **Conference Secretariat**

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