



**HAMBURG
2000**



Second Circular

**20th INTERNATIONAL
CARBOHYDRATE SYMPOSIUM**

HAMBURG - GERMANY - AUGUST 27 - SEPTEMBER 1 - 2000

SCIENTIFIC SECRETARIAT

ICS 2000 Symposium Secretariat, Institut für Organische Chemie
Universität Hamburg, Martin-Luther-King-Platz 6
20146 Hamburg, Germany
Tel./Fax: + 49-40-42838-4325
e-mail:ics2000@chemie.uni-hamburg.de

SYMPOSIUM SERVICE

SCC Seeland Congress + Communication, Christel Seeland
Försterweg 3, 22889 Tangstedt, Germany
Tel.: + 49-4109-250820, Fax: + 49-4109-250821
e-mail:scc.seeland@t-online.de

SYMPOSIUM VENUE

University of Hamburg, Department of Chemistry
Martin-Luther-King-Platz 6, 20146 Hamburg, Germany

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INVITATION

On behalf of the International Carbohydrate Organization (ICO), the Scientific Advisory Committee and the Local Organizing Committee of the 20th International Carbohydrate Symposium cordially invite all scientists interested and involved in the various aspects of glycochemistry, glycobiology and glycotchnology to participate in this Symposium in Hamburg from August 27 – September 1, 2000.

The Symposium will be held at the University of Hamburg, Department of Chemistry, located close to the heart of the city. Hamburg, a center of trade and commerce, is the second largest German city and is shaped by its harbor. It is situated in Northern Germany and easily accessible from all major locations worldwide.

We look forward with pleasure to welcoming you to Hamburg.

Joachim Thiem
Symposium Chairman





20th INTERNATIONAL CARBOHYDRATE SYMPOSIUM

UNDER THE AUSPICES OF

International Carbohydrate Organization (ICO)

International Union of Biochemistry and Molecular Biology (IUBMB)

International Union of Pure and Applied Chemistry (IUPAC)

University of Hamburg

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ORGANIZATION

INTERNATIONAL CARBOHYDRATE ORGANIZATION (ICO)

President	J.N. BeMiller <i>United States</i>
Past President	B. Casu <i>Italy</i>
Secretary	B. Smestad Paulsen <i>Norway</i>
Symposium Chairman	J. Thiem <i>Germany</i>



SCIENTIFIC ADVISORY COMMITTEE

H.S. Conradt <i>Braunschweig</i>	E.T. Rietschel <i>Borstel</i>
F.-R. Heiker <i>Leverkusen</i>	W. Saenger <i>Berlin</i>
W. Klaffke <i>Münster</i>	K. Sandhoff <i>Bonn</i>
H. Kunz <i>Mainz</i>	R.R. Schmidt <i>Konstanz</i>
M. Kunz <i>Obrigheim</i>	W. Schauer <i>Kiel</i>
F.W. Lichtenthaler <i>Darmstadt</i>	P. Welzel <i>Leipzig</i>
B. Meyer <i>Hamburg</i>	K.-P. Wittern <i>Hamburg</i>
H. Paulsen <i>Hamburg</i>	F. Vahrenholt <i>Hamburg</i>
T. Peters <i>Lübeck</i>	



NATIONAL REPRESENTATIVES OF ICO

J.N. BeMiller <i>United States</i>	B. Samuelsson <i>Sweden</i>
J.S. Brimacombe <i>United Kingdom</i>	V.N. Shibaev <i>Russia</i>
R.J. Ferrier <i>New Zealand</i>	P. Sinaÿ <i>France</i>
B. Casu <i>Italy</i>	B. Smestad Paulsen <i>Norway</i>
M.K. Gurjar <i>India</i>	R.V. Stick <i>Australia</i>
J. Hirsch <i>Slovakia</i>	J. Thiem <i>Germany</i>
P. Kosma <i>Austria</i>	J.M.J. Tronchet <i>Switzerland</i>
A. Lipták <i>Hungary</i>	O. Varela <i>Argentina</i>
M. Martin Lomas <i>Spain</i>	V. Verez-Bencomo <i>Cuba</i>
I. Lundt <i>Denmark</i>	J.F.G. Vliegenthart <i>The Netherlands</i>
T. Ogawa <i>Japan</i>	T. Vuorinen <i>Finland</i>
H. Parolis <i>South Africa</i>	A. Zamojski <i>Poland</i>
A.P. Rauter <i>Portugal</i>	U. Zehavi <i>Israel</i>
A. Savage <i>Ireland</i>	

LOCAL ORGANIZING COMMITTEE

H. Brade <i>Borstel</i>	B. Meyer <i>Hamburg</i>
H. Bretting <i>Hamburg</i>	H. Paulsen <i>Hamburg</i>
E. Heinz <i>Hamburg</i>	T. Peters <i>Lübeck</i>
T.K. Lindhorst <i>Kiel</i>	V. Vill <i>Hamburg</i>
K.-P. Wittern <i>Hamburg</i>	





CORRESPONDENCE

REGISTRATION, SOCIAL PROGRAM, ACCOMODATION AND PAYMENT (FORMS A, B, C, D)

SCC Seeland Congress + Communication
Försterweg 3
22889 Tangstedt, Germany
Tel: +49-4109-250820 Fax: +49-4109-250821
e-mail: scc.seeland@t-online.de

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SCIENTIFIC CORRESPONDENCE AND ABSTRACT SUBMISSION (FORM E)

ICS 2000 Symposium Secretariat
Institut für Organische Chemie, Universität Hamburg
Martin-Luther-King-Platz 6, 20146 Hamburg, Germany
Tel/Fax: + 49-40-42838-4325
e-mail: ics2000@chemie.uni-hamburg.de

The complete 2nd Circular is available via internet and all forms can be
obtained at the following internet site:

<http://ics2000.uni-hamburg.de/>

DEADLINES

FORM A	Symposium Registration	May 15, 2000
FORM B	Social Program Registration	May 15, 2000
FORM C	Accommodation Form	May 15, 2000
FORM D	Payment Form	May 15, 2000
FORM E	Abstract Submission Form	May 15, 2000



SCIENTIFIC PROGRAM

The official language of **ICS 2000** is English, and the scientific program will include presentations and discussions of all activities in glycoscience following the traditional four ICS categories:

A. Structure and Analysis: primary, secondary and higher order structure; conformational analysis; spectroscopic and instrumental analysis.

B. Synthesis: chemical and enzymatic synthetic methods; synthesis of carbohydrates, nucleosides, nucleotides, antibiotics involving carbohydrate moieties, carbohydrates as chiral precursors.

C. Biochemistry, Chemical Biology and Medicinal Chemistry: biological functions; metabolic roles; pharmaceutical and therapeutic implications of carbohydrates and glycoconjugates.

D. Biotechnology and Industry: commercial applications of carbohydrates; methods of production; industrial and biotechnological developments; carbohydrates as organic raw materials. Contributions from Section D and associated studies will be the thematic focus of the agenda on Thursday, Aug. 31.

The symposium will include the **Whistler Award Lecture, Plenary Lectures, Invited Lectures, Oral Communications** and **Poster Sessions**.

WHISTLER AWARD LECTURE 2000

In honor of Professor Roy L. Whistler, the International Carbohydrate Organization established the award to recognize scientists “who have made contributions of excellence in carbohydrate chemistry and biochemistry and with promise of continuing significant contributions”. This award will be presented following the Opening Ceremony of the Symposium to:

Anne Dell, *Imperial College, London, United Kingdom*

“Mass Spectrometry: A Powerful Tool for Structural Glycobiology”



PLENARY LECTURES

Kurt Drickamer, *University of Oxford, Oxford, United Kingdom*

“Animal Lectins that Mediate Cell-Cell Recognition Events”

Robin J. Ferrier, *Victoria University, Wellington, New Zealand*

“The Chance to Discover Chance in Discovery”

George W.J. Fleet, *University of Oxford, Oxford, United Kingdom*

“Amino Acids Derived from Carbohydrates”

Robert J. Linhardt, *University of Iowa, Iowa City, United States*

“Heparin: Structure and Biological Activities”

Konrad Sandhoff, *Universität Bonn, Bonn, Germany*

“Functions of Glycosphingolipids at Membrane Surfaces: Pathogenesis of Neurodegenerative and Dermal Genetic Disorders”

Birte Svensson, *Carlsberg Research Center, Valby, Denmark*

“Starch-Degrading Enzymes – Structure/Function Insights and Improvements by Protein Engineering”

Kuniaki Tatsuta, *Waseda University, Tokyo, Japan*

“Total Synthesis and Development of Natural Products Using Carbohydrates”

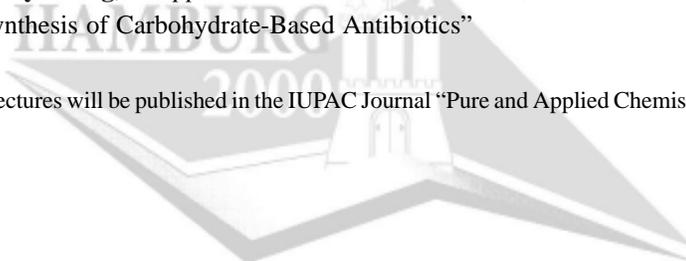
André Verbert, *Université de Lille, Villeneuve, France*

“Transport of Free and N-Linked Oligomannoside Species Across the Rough Endoplasmic Reticulum Membranes”

Chi-Huey Wong, *Scripps Research Institute, La Jolla, United States*

“Synthesis of Carbohydrate-Based Antibiotics”

These lectures will be published in the IUPAC Journal “Pure and Applied Chemistry”





INVITED LECTURERS

Topic A:

Cathérine Hervé du Penhoat, CERMAV-CNRS, *Grenoble, France*

Steven W. Homans, *University of Leeds, United Kingdom*

Bas R. Leeflang, *Utrecht University, The Netherlands*

Jasna Peter-Katalanic, *Universität Münster, Germany*

Topic B:

Mikael Bols, *Aarhus University, Denmark*

Wolf-Dieter Fessner, *Technische Universität Darmstadt, Germany*

Jan Kihlberg, *Umeå University, Sweden*

Makoto Kiso, *Gifu University, Japan*

Shoichi Kusumoto, *Osaka University, Japan*

André Lubineau, *Université de Paris-Sud, Orsay, France*

Soledad Penadés, *Universidad de Sevilla, Spain*

B. Mario Pinto, *Simon Fraser University, Burnaby, Canada*

Mark von Itzstein, *Griffith University, Brisbane, Australia*

Topic C:

Carolyn Bertozzi, *University of California, Berkeley, United States*

Paul R. Crocker, *University of Dundee, United Kingdom*

Rita Gerardy-Schahn, *Medizinische Hochschule Hannover, Germany*

Carl G. Hellerquist, *Vanderbilt University, Nashville, United States*

Kazuyuki Sugahara, *Pharmaceutical University, Kobe, Japan*

Guido Tettamanti, *Università degli Studi di Milano, Italy*

Topic D:

Oswald Lockhoff, *Bayer AG, Leverkusen, Germany*

Nicolay E. Nifant'ev, *Russian Academy of Sciences, Moscow, Russia*



CALL FOR CONTRIBUTIONS

All participants are invited to contribute a presentation in the scientific sessions. Most contributions will be made during the Poster Sessions. However the Scientific Advisory Committee, along with the Local Organizing Committee, will select a number of abstracts from the contributed papers to be presented as 20-minute Oral Communications. Participants delivering their communications orally are advised to also present their data in poster form. The presenting author must be a registered participant.

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ABSTRACTS

Abstracts of all presentations i.e. Plenary Lectures, Invited Lectures, Oral Communications and Posters, will be printed in the Abstract Book of the 20th International Carbohydrate Symposium. Abstracts may include tables, schemes, figures and references within the allotted space.

Abstracts will be considered for the program when accompanied by the complete Registration Form A. All abstracts must be prepared using the Abstract Submission Form E (for a Sample Abstract see below). Only one abstract per registrant can be accepted, however, a registrant can be co-author on other registrants' presentations. Deadline for abstract submission is May 15, 2000.

The authors accept full responsibility for the content of their contribution. Each abstract should be headed by a short and specific title, state the objective of the study, and contain a brief information of methods, a summary of results achieved and a statement of conclusions.

To keep abstracts consistent, the following style should be followed (compare sample above). Please use:

- 11 point boldface fonts for the abstract title.
- 9 point normal fonts for authors names , underline presenting author and distinguish affiliation by superscript numbers if necessary.
- 9 point italic fonts for affiliations.
- Times New Roman font if possible.
- leave one blank line between address and the beginning of the abstract.

The complete abstract area is 16.6 cm wide and 11.0 cm high as prepared in the Abstract Submission Form E.



Synthesis of an N-glucoasparagine analog as a building block for a V3-loop glycopeptide from GP120 of HIV-I

Andreas Schäfer¹, Gunther Klich¹, Michael Schreiber², Hans Paulsen¹, Joachim Thiem¹

¹*Institut für Organische Chemie, Universität Hamburg, Martin-Luther-King-Platz 6, 20146 Hamburg, Germany;* ²*Bernhard-Nocht-Institut für Tropenmedizin, Abteilung medizinische Mikrobiologie, Bernhardt-Nocht-Str. 74, 20359 Hamburg, Germany*

Binding of the HIV-1 external envelope glycoprotein gp120 to the CD4 receptor on human cells is the first step in HIV:cell interaction and virus entry [1]. A novel glycosyl-amino acid

[1] A.G. Dalgleish, P.C. Beverley, P.R. Clapham, D.H. Crawford, M.F. Greaves, R.A. Weiss, *Nature*, 312 (1984) 763 - 767.

Abstract Sample

16.6 cm

11.0 cm

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Provide the abstract by e-mail as RTF file to:

ics2000@chemie.uni-hamburg.de

and send the original hard copy plus two copies and a diskette by air mail to:

**ICS 2000 Symposium Secretariat
Universität Hamburg, Institut für Organische Chemie
Martin-Luther-King-Platz 6
20146 Hamburg, Germany**

The label of the disk should show the name of the author, the number of files, the program it was written with and the format of the diskette (PC or Mac).

Please enter up to three key words on the Abstract Submission Form which will be used to construct the index of the printed Abstract Book.

ORAL PRESENTATION

Each lecture hall will be equipped with a slide projector (50 x 50 mm slides), an overhead projector, a pointer and equipment for voice amplification. Please mark each slide with a small coloured label so that when oriented correctly in the projector carousel, the label will be on the top right-hand side of the slide frame



on the side away from the screen. Slides should be prepared preferably in landscape orientation. A slide preview facility will be available.

In addition, each lecture hall will have facilities for electronic presentation using MS Power Point 97. Please write the presenting author's name along with the time of presentation on your diskette or zip disk and deposit it at the slide preview facility on your arrival. Alternatively you may wish to bring your own laptop computer. If so, please contact the staff at the slide preview facility upon arrival.

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POSTER PRESENTATION

Posters will be allocated a space of 1.2 m high and 1.0 m wide. All posters should be headed with the title as well as the names and addresses of the authors as submitted in the abstract and contain a clear survey of the research data. Suitable materials for attaching the posters will be supplied. Scheduling of posters will be announced in the Final Program.

EXHIBITION

During the conference, a trade exhibition of books, scientific and technical equipment as well as computer software related to the topics of the symposium will be held. For further information, please contact the Local Scientific Secretariat.

REGISTRATION AT THE SYMPOSIUM

The Registration Desk at the Department of Chemistry will be open as follows:

Sunday	Aug. 27.	16.00 – 19.00 hrs
Monday	Aug. 28.	7.30 – 18.00 hrs
Tuesday	Aug. 29.	8.30 – 18.00 hrs
Wednesday	Aug. 30.	8.30 – 14.00 hrs
Thursday	Aug. 31.	8.30 – 18.00 hrs
Friday	Sept. 01.	8.30 – 14.00 hrs

LETTER OF INVITATION

The Chairman will send a personal invitation to all scientists who require one in order to obtain funds or a visa. Such an invitation does not imply any commitment



on the part of the organizers to provide financial support or to accept, in advance, any material to be presented. All requests for letters of invitation should be sent to the Symposium Secretariat well in advance of the conference, and should clearly state the full address and fax number of the institution and/or embassies to which the letter must be sent.

PRELIMINARY TIME SCHEDULE

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	Morning 9.00 - 12.30/13.00	Afternoon 14.00 - 17.30	Evening
Sunday Aug. 27	---	Registration: Dept. of Chemistry 16.00 - 19.00	Symposium Mixer: Dept. of Chemistry 19.00 - 21.00
Monday Aug. 28	Opening Ceremony, Plenary Lectures	Invited Lectures, Oral Communi- cations	Reception
Tuesday Aug. 29	Plenary and Invited Lectures, Oral Communications	Poster Session, Invited and Plenary Lectures	Organ Concert
Wednesday Aug. 30	Plenary Lecture, Oral Communi- cations	Excursions	---
Thursday Aug. 31	Plenary and Invited Lectures, Oral Communications	Poster Session, Invited and Plenary Lectures	Symposium Dinner
Friday Sept. 01	Plenary and Invited Lectures, Oral Communications	Plenary Lecture, Closing Ceremony End 13.30	---



GENERAL INFORMATION

HAMBURG

Hamburg has many faces: a Hanseatic center of trade and industry, harbor city, media metropolis, university city, arts center, shopping paradise and leisure capital. With its 1.7 million inhabitants Hamburg is the largest city in Germany, after Berlin. It owes its international significance above all to its port and the associated trading links around the world. The city itself is over one thousand years old, with the harbor celebrating its 800th anniversary in 1989.

Many German companies and numerous foreign corporations are based in Hamburg, making the city the leading center for foreign trade in the Federal Republic of Germany. Hamburg has a broad spectrum of industries ranging from aerospace, electrical engineering to food, drink, coffee and tea trading. The banking and insurance sectors are also significant. Furthermore, Hamburg is Germany's media capital with the press, TV, radio, news media, PR and advertising heavily represented.

Hamburg's international importance is underlined by its large number of diplomatic representations. No other city in the world, apart from New York, has more consulates than the city on the Elbe River.

Culturally, Hamburg has a wide range of attractions with theaters, the State Opera House, many museums and art galleries offering a constantly changing program of international standing.

For inhabitants and visitors to Hamburg, the center of the city is particularly attractive with its



St. Michaelis - Landmark of Hamburg



new shopping arcades and malls tempting people to stroll through the shops. Hamburg also offers an exceptionally high quality of recreational life with the River Elbe and the Alster Lake, many spacious parks and numerous excursion possibilities into the surrounding region.

CONGRESS VENUE

The scientific program will take place at the University of Hamburg in the Department of Chemistry, which is located minutes from downtown Hamburg. It is easily accessible from the Hamburg Airport and the Central Railway Station, by taxi or well-developed metro systems (U-Bahn, S-Bahn).

CLIMATE

The mild and temperate climate in Hamburg is due to its proximity to the North Sea and the influence of the Gulf Stream. By the end of August the average temperature during the day is about 20^o C. Nevertheless, it is advisable to bring a coat since showers and cold spells occasionally occur.

ENTRY REGULATIONS

Entry regulations depend on the nationality of the participant. Please check with the travel agent or consulate officials of the Federal Republic of Germany in your country for up-to-date information on visa and vaccination regulations. IUPAC sponsorship implies that entry visas will be granted to all bona fide scientists provided application is made not less than three months in advance. If a visa is not granted one month before the meeting, the IUPAC Secretariat should be contacted at P.O. Box 13757, Research Triangle Park, NC 27709-3757, USA, Tel: +1-919-485-8700, Fax: +1-919-485-8706, e-mail: secretariat@iupac.org



ARRIVAL IN HAMBURG

BY AIR at Hamburg-Airport

The Airport-Express-Bus leaves every 15 minutes in front of the airport to the city center and terminates at the main railway station. One way ticket DM 8.50 (Euro 4.50), return ticket DM 12.50 (Euro 6.40). Taxis available in front of the airport building cost approximately DM 40.00 (Euro 21.00).

Lufthansa - the National Airline of Germany - has been appointed official carrier to ICS 2000. The company offers a comprehensive global network of flights linking Hamburg with most major cities throughout the world. Participants in the 20th International Carbohydrate Symposium travelling on Lufthansa services are being offered special airfares. To take advantage of this offer, please contact the nearest Lufthansa office in your country.

In the USA or Canada please call the Lufthansa agent "Conferences International" toll free at: +1-800-221-8747. In Germany please call: 01803-803-803.

In any case, kindly have the official confirmation of your registration available and refer to code: GG AIRLHKONG.500

For a listing of Lufthansa offices worldwide, see the Lufthansa web site www.lufthansa.com.

BY TRAIN at the main railway-station Hamburg-Hauptbahnhof or at Dammtor-Bahnhof

From the main central station (Hauptbahnhof), which can be also reached using the Airport-Express-Bus or from Dammtor Station, the bus (#102) brings you directly to the Chemistry Department (Stop: "Grindelhof").

BY BUS

The Central Bus Station (ZOB) is nearby the main railway station (Hauptbahnhof) and you can use bus # 102, mentioned above, to reach the Congress Venue.

PARKING FACILITIES

At the Campus there is no special parking space available.



LOCAL TRANSPORTATION SERVICES

For registered participants and accompanying persons the name badge serves as a ticket for all local transport services (U-Bahn, S-Bahn, Bus) for the duration of the Symposium.

LUNCH

For regular participants lunch, included in the registration fee, will be provided from Aug. 28 to Sept. 1 from about 13.00 -14.00 at the Mensa, situated in short walking distance to the lecture halls.

BANKING

Several banks are located near the University. All standard currencies can be exchanged. Exchange rate: 1 Euro = 1.95583 DM = ~ US \$ 1.00.

In Germany restaurants and shops will accept major credit cards, however, smaller amounts are payed in cash in DEM (German Mark).

ELECTRICITY

German electric current is 220 V, 50 Hz.

INSURANCE

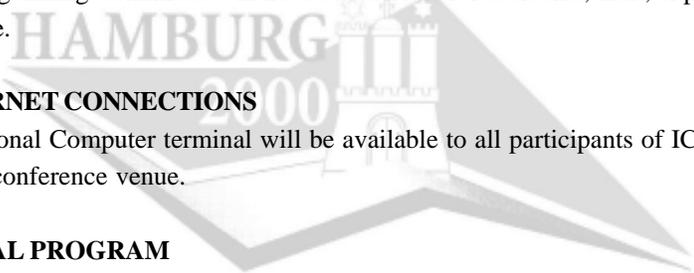
Participants are responsible for arranging their own health and accident insurance. The Organizing Committee will not be held liable for accidents, theft, or property damage.

INTERNET CONNECTIONS

A Personal Computer terminal will be available to all participants of ICS 2000 at the conference venue.

SOCIAL PROGRAM

The social program for delegates and accompanying persons will include a Symposium Mixer and an Organ Concert. For accompanying persons a tourist program with daily excursions will be arranged by SCC. On Wednesday afternoon participants and accompanying persons will be invited to book and attend excursions. For details see below.





REGISTRATION

Please fill in and return enclosed registration forms (A, B, C, D) as soon as possible. All registrations, cancellations and alterations should be sent to:

**SCC Seeland Congress + Communication,
Försterweg 3
22889 Tangstedt, Germany**

Registration of children as accompanying persons is optional. Those registered will benefit from the social program for accompanying persons. Registrations at reduced rates can be accepted only if payment is credited to the Congress Account by May 15, 2000.

Your registration will be confirmed if payment is received at the Congress Office by August 7, 2000. If your registration does not arrive by August 7, 2000 it will nevertheless be processed and you should register at the Congress Office immediately after your arrival. Missing and surplus payment will be regulated at the Congress Counter during the counter hours.

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REGISTRATION FEES

<i>Fee Category</i>	<i>Until May 15, 2000</i>	<i>After May 15, 2000</i>
Regular Participant §	Euro 385.00	Euro 440.00
Student Participant #	Euro 200.00	Euro 230.00
Accompanying Person	Euro 110.00	Euro 140.00

§ Affiliate Members of IUPAC are entitled to a ten percent reduction of the registration fee. Please enclose a photocopy of your membership card.

Students enrolled in academic programs are requested to document this by an accompanying letter of endorsement from their academic teachers.

20th INTERNATIONAL CARBOHYDRATE SYMPOSIUM



The registration fee covers the following items

for **Regular Participants:**

1. Participation in the Scientific Program
2. Admission to the Exhibition
3. Congress Material
4. Volume of Abstracts
5. Public Transport Ticket from Aug. 27 to Sept. 1, 2000
6. Symposium Mixer on Aug. 27, 2000
7. Coffee Breaks
8. Luncheon Vouchers Aug. 28 to Sept. 1, 2000
9. Organ Concert on Aug. 29, 2000

for **Accompanying Persons:**

1. Public Transport Ticket from Aug. 27 to Sept. 1, 2000
2. Symposium Mixer on Aug. 27, 2000
3. Opening Ceremony on Aug. 28, 2000
4. Admission to the Exhibition
5. Guided City Tour on Aug. 28, 2000
6. Organ Concert on Aug. 29, 2000

PAYMENT

Due to the European unification process there is also a transition period from national currencies to the common Euro. At present the Euro is only in use in bank transactions. However, prices in restaurants and shops are given generally both in DEM and Euro. For consistency of currency exchange all prices in this 2nd Circular are given in Euro.

Please remit the total amount for registration fee, hotel costs, supporting program and post-congress tours in Euro by credit card, bank transfer or Eurocheck to:

SCC Seeland ICS 2000
Deutsche Bank 24
Account No. 3847480
Bank Code Number 200 400 24



Please do not forget to indicate the name of the person attending the Symposium. The participant will be charged for any bank transfer charges which might occur. Private checks cannot be accepted. Only Visa and Master-/Eurocard will be accepted. After the receipt of the full amount at the latest by Aug. 7, 2000 the registration and the hotel vouchers (if applicable) will be confirmed. If you register after this date, please show the copy of your bank remittance form at the Congress Office. Only then will the Congress material be provided.

Please pay the hotel costs to the same bank account indicated for the payment of registration fees. Do not forget to include the name of the participant.

All payments for the hotel reservations are cashed by:

SCC Seeland Congress + Communication in transit for ICS 2000.

CANCELLATIONS AND REFUND

Registered Congress participants who cannot attend the Congress will receive a refund of the Congress registration fee as follows:

Cancellations received by June 30, 2000: refund of full registration fees, minus Euro 25.00 for administration costs.

Cancellations received between June 30 and July 15, 2000: refund of 50 % of the registration fees.

Cancellations received after July 15, 2000: no refund.

This may not apply to all social events.





HOTEL RESERVATION

Deadline for reservation: May 15, 2000

Rooms can still be booked after the deadline, but possibly the chosen categories are no longer available and an increase of hotel rates cannot be excluded.

Hotel reservations are to be completed on the Accomodation Form C and can be guaranteed only upon receipt of full payment.

The participant will be sent a hotel voucher for this amount. The voucher must be presented upon arrival at the hotel. Changes in booking must be reported to SCC. If the desired hotel category is already fully booked, SCC reserves the right to arrange hotel accommodation in another hotel category. A handling charge of Euro 10.00 per person will be deducted by SCC in order to cover administrative costs.

Cancellations of Hotel Reservations

In the event of early departure, the hotel is entitled to charge the guest for the whole period reserved unless the room is taken by another guest. If the Symposium participant cancels a previously confirmed reservation before May 15, 2000 the full costs less a handling charge of Euro 20.00 will be refunded. No refund will be made after this date unless the room is taken by another guest. The full costs of cancellation must be paid by the participant.

ACCOMMODATION

Hotel locations and the Symposium Venue are depicted on the accompanying map on back cover.

<i>Hotel-Category</i>	<i>Single Occupancy in Euro</i>	<i>Double Occupancy in Euro</i>
5-Star Hotel	161.00 - 193.00	191.50 - 231.00
4-Star Hotel	141.50 - 178.50	141.50 - 203.00
3-Star Hotel	80.00 - 125.50	101.50 - 146.50
2-Star Hotel	93.50 - 93.50	115.00 - 120.00
1-Star Hotel	49.50	70.50
4-beds per person	33.00	
5-beds per person	33.00	



Rates include breakfast, service and VAT. All rooms in categories 5-Star to 2-Star Hotel have shower/bath and WC. Category 1-Star Hotel has only hot and cold running water.

Low-budget travellers are asked to inquire about cheap accommodation at the addresses listed below and they should make their own arrangements.

Youth Hostel “Auf dem Stintfang”

Alfred-Wegener-Weg 5, 20459 Hamburg, Germany

Tel.:+49-40-313488; Fax: +49-40-315407

Backpackhotel: “Instant Sleep”

Max-Brauer-Allee 277, 227689 Hamburg

Tel.:+ 49-40-43182310; Fax:+ 49-40-43182311

Bed and Breakfast accommodation in private houses:

“bed & breakfast”

Methfesselstrasse 49, 20257 Hamburg

Tel.:+ 49-40-4915666; Fax:+ 49-40-4914212

LIABILITY

SCC Seeland Congress + Communication acts as an agent only and cannot be held responsible for any losses, accidents or damage to either persons or property, regardless of the cause. However, this does not affect the liability of the persons or organizations responsible for providing means of transport or other services. The travellers take part in all excursions, tours etc. at their own risk.

The General Terms and Conditions of SCC Seeland Congress + Communication shall apply. Hamburg shall be the exclusive venue of jurisdiction.



REGULAR PARTICIPANTS' SOCIAL PROGRAM

Sunday	Aug. 27	Symposium Mixer (free)
Monday	Aug. 28	Reception (free)
Tuesday	Aug. 29	Organ Concert (free)
Wednesday	Aug. 30	Afternoon Excursions (3 Alternatives)
Thursday	Aug. 31	Symposium Dinner

WEDNESDAY AFTERNOON EXCURSIONS, AUG. 30, 2000

On Wednesday afternoon no scientific sessions are scheduled. Symposium Delegates and Accompanying Persons are invited to select and book one of the three alternative tours described below.



City Hall and Alster Arcades

1) City and Harbor Tour Including Old Warehouse District

From 13.30 - 18.30 hrs

A three hour City Tour gives the guests a remaining impression of the Hanseatic City of Hamburg and its manifold faces.

Participants will take a closer look at the main churches in Hamburg (St. Nikolai, St. Jakobi and St. Petri), the famous red-light district the "Reeperbahn" as well as the TV Tower and the huge inner city park, "Planten un Blomen".

A panoramic cruise around the inner city Alster Lake offers a

stunning view of the beautiful villas and mansion houses as well as of the impressive skyline of Hamburg. The guests will have the chance to explore St. Michael's church, the landmark of Hamburg and the Krameramtsstuben, until



1783 home of the widows of rich Hanseatic citizens. Another possibility for the guests is to stretch their legs at a particularly picturesque spot on the Alster Lake.

Following the City Tour with visits to the most interesting points of Hamburg the guests will embark on a special charter boat for a harbor cruise.

Including: Transfer in a deluxe motorcoach; English-speaking guide; cruise in a comfortable launch; information material.

Minimum: 35 participants; fee p.p. Euro 44.00

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2) Excursion to Lübeck

From 13.30 - 21.00 hrs

The beautiful town of Lübeck has preserved its original flair and gives the visitors a perfect impression of an old Hanseatic town with narrow cobblestone streets, brick churches, scenic backyards etc. Lübeck is protected as an UNESCO World Heritage City and therefore large parts of the city remain closed for cars and busses. Most of the Lübeck tour must be done by walking.

After the guided transfer, the English speaking hostess will provide some initial information and impression of the destination.

One of the most popular “institutions” in Lübeck is “Niederegger”, the famous Marzipan Factory, home of the marzipan, the traditional sweet from Lübeck. After arrival the guests will have coffee and a piece of marzipan cake there. In the evening dinner will be served at the “Schiffergesellschaft”. Originally in 1535 built as a meeting house for the shipmasters, it shows unique interior and treasures from the world of shipping, and is now in use as a restaurant with excellent service and food.

Including: Transfer in a deluxe motorcoach; English-speaking guide in Lübeck, coffee and pastry at “Niederegger”; dinner at “Schiffergesellschaft”; information material.

Minimum: 35 participants; fee p.p. Euro 57.50



3) Boat Trip on River Elbe

From 13.30 - 17.30 hrs

This tour includes the transfer to the “Landungsbrücken” where the guests embark on a typical Hamburg boat which will be cruising in the Elbe for two hours. Meanwhile the guide will explain the harbor, the warehouse city and the picturesque former fisher village Blankenese.

After arriving in Wedel the guests will walk to the “Schulauer Fährhaus” to enjoy coffee and pastry and the beautiful view of the passing ships. The transfer back to the city center will be by bus (approx. 1 hr).

Including: Transfers in a deluxe motorcoach; English-speaking guide; boat rental, coffee and pastry in the Schulauer Fährhaus; information material.

Minimum:35 participants; fee p.p. Euro 47.50

SYMPOSIUM DINNER, THURSDAY EVENING AUG. 31, 2000

The Symposium Dinner will take place in the Hamburg Stock Exchange in a traditional Hanseatic atmosphere.

Fee p.p. Euro 80.00



Downtown Hamburg with Inner Alster Lake

20th INTERNATIONAL CARBOHYDRATE SYMPOSIUM



ACCOMPANYING PERSONS´ SOCIAL PROGRAM

Sunday	Aug. 27	Symposium Mixer	(free)
Monday	Aug. 28	Hamburg City Tour	(free)
		Reception	(free)
Tuesday	Aug. 29	Excursion to Schwerin	
		Organ Concert	(free)
Wednesday	Aug. 30	Afternoon Excursions	(see Regular Participants´ Social Program)
Thursday	Aug. 31	Alster Canal Cruise	
		Symposium Dinner	

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Sightseeing City Tour of Hamburg: Monday Aug. 28, 2000

From 14.00 - 16.00 hrs

A three hour City Tour gives the participants a lasting impression of the Hanseatic City of Hamburg and its manifold faces. The tour encompasses the main churches in Hamburg (St. Nikolai, St. Jakobi and St. Petri), the “Reeperbahn”, the famous red-light district, as well as the TV Tower and the huge inner city park “Planten un Blomen”. A panoramic cruise around the inner Alster Lake offers an idyllic view of the beautiful villas and mansion houses as well as of the impressive skyline of Hamburg. The guests will have the chance to have a closer look inside the St. Michael’s church, the landmark of Hamburg and the “Krameramtsstuben” which was until 1783 home to the widows of rich Hanseatic citizens. Participants may also stretch their legs at one of the many beautiful recreation areas on the Alster Lake.

Including: deluxe motorcoach; English-speaking guide; information material.

Minimum:35 participants; free of charge for Accompanying Persons; fee p.p.for Regular Participants Euro 22.50



Excursion to Schwerin: Tuesday, Aug. 30, 2000

From 9.00 - 19.00 hrs

After a picturesque ride through the Mecklenburg countryside, the guests arrive at the former East German town of Schwerin, the second largest town in the region and capital of the new Federal State of Mecklenburg – Vorpommern.

After leaving the coaches at the theatre of Schwerin, a short walk will lead to the huge castle of Schwerin, located on an island at the edge of the charming Lake Schwerin. Surrounded by fifteen turrets and a beautiful park, the Neo-Renaissance castle is a unique mixture of historical styles, due to almost a century of fires, renovations and additions. The castle with a surrounding moat is a copy of the French Chateau Chambord. It currently serves as the official residence of the Mecklenburg – Vorpommern Federal State Government.

After visiting the castle and a stroll back into the city, lunch will be served in a wine restaurant. On the way to the restaurant the Neo-Renaissance State Theatre is passed and a look at the “Staatliche Galerie” with its collection of paintings by nineteenth-century German artists is offered.

After lunch, the half timbered houses of another era and the old Gothic Cathedral, built in the 13th century, with its 320 -foot tower will be viewed. The Cathedral is the oldest building in Schwerin and its bronze baptismal font dates from the 14th century.

After transfer to Güstrow (approx. 1 hour), the “Getrudenskapelle” with grave and sculptures of the famous German artist Barlach, as well as his former atelier “Haus am See” with exhibits of Ernst Barlach and Käthe Kollwitz can be visited.

Including: Transfer in a deluxe motorcoach; English-speaking guides in Schwerin and Güstrow; all entrance fees; lunch; information material;

Minimum: 35 participants; fee p.p. Euro 69.00



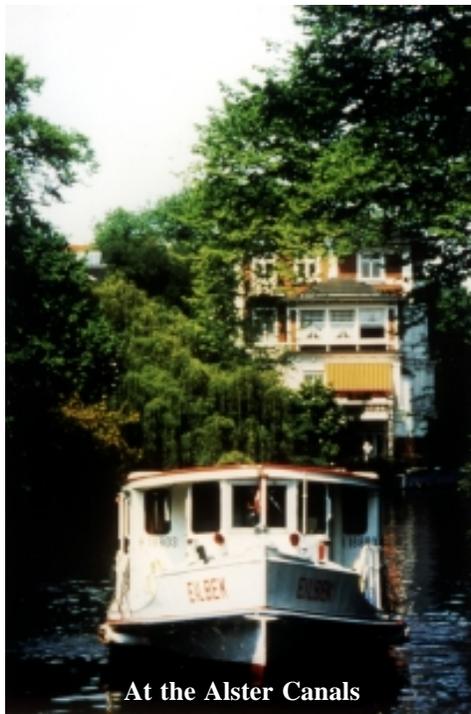
Alster Canal Cruise: Thursday 31, 2000

From 10.00 - 13.00 hrs

The boat trip will be on the Inner and Outer Alster Lake and continue along the canals of the Alster Lake. It will provide an unforgettable impression: stately villas, carefully tended parks, modern flats, garden allotments and natural vegetation of many lakeside areas present a picture of constant variety.

Start: Landing stages “Alsteranleger Jungfernstieg”, (city center, a short walk from the Town Hall). Including: coach trip; English-speaking guide; cruise in special launch.

Minimum: 35 participants, fee p.p. Euro 37.50



At the Alster Canals

Please register using the enclosed Social Program Registration Form B. Tours and excursions and the Symposium Dinner have to be paid for in advance when the registration is submitted. These events will take place only if a minimum number of participants is reached. If this is not the case, the amount paid in advance for this particular event will be refunded in full. In the event of cancellation, no refund will be made unless the booking can be transferred to another participant.



POST-SYMPOSIUM EXCURSIONS

Weekend in Berlin: Friday to Sunday, Sept. 1 - 3, 2000

Friday

13.00 Start by deluxe motor coach to Berlin. Upon your arrival your stay in Berlin starts with an introduction to the new capital from past to present. The tour will give you an intensive historical overview of Berlin from medieval times to its present development as the capital of Germany. It covers all the renowned sights of the city: the “Brandenburg Tor”, the boulevard “Kurfürstendamm”, the avenue “Unter den Linden” with Humboldt University and the State Opera House, as well as remnants of the Berlin Wall. Check-in at hotel “Kronprinz”, a privately owned and managed hotel in a completely restored turn-of-the century townhouse, built in 1894 and located in the city center of Berlin. Dinner at a typical Berlin pub, buffet and drinks included.

Saturday

Morning is reserved for the second, more detailed part of your Berlin tour. You will be taken to Berlin’s most famous museum, the “Pergamon Museum”, followed by a walking tour focussing on the fascinating district “Scheunenviertel”. This district remained from the 18th century and is known as the Jewish quarter with an impressive synagogue. The walk will end at the “Hackesche Höfe”, a unique architectural ensemble of eight courtyards, recently beautifully restored, and typical for Berlin at the turn of century. At noon we will leave Berlin for Potsdam, the second residential city of the Hohenzollern dynasty. It is famous for having the most palaces worldwide. The “youngest” palace is the one we will visit first: “Schloss Cecilienhof”, built for the last Crown Prince and his wife Cecilie. It is a site of great importance for the history of postwar Germany: the final Allied Conference at the end of World War II took place here in July/August 1945. After lunch the tour will continue with a visit to the most famous palace “Sanssouci” of Frederick the Great. Dinner will be served in a Berlin Restaurant.



Sunday

After breakfast return travel to Hamburg; arrival in Hamburg at noon.

Including: deluxe motorcoach; English-speaking guide; information material; breakfast (Sept. 2/3), lunch (Sept. 2) and dinner (Sept. 1/2); all entrance fees; Minimum: 30 participants; fee p.p. Euro 468.00

One Day trip to Berlin: Saturday Sept. 2, 2000

From 9.00 - 22.00 hrs

This day trip will give an intensive historical overview of Berlin from medieval times to its present development as the capital of Germany. It covers all the renowned sights of the city: the “Brandenburger Tor”, the boulevard “Kurfürstendamm”, the avenue “Unter den Linden” with Humboldt University and State Opera House. Lunch will be served in a typical Berlin restaurant with regional specialities, two drinks and coffee included. A visit to the “Reichstag”, the German Parliament, with its new glass dome and Berlin’s most famous museum the “Pergamon Museum”, are scheduled for this afternoon. Dinner will be served during a stopover in Schwerin in a historic restaurant from the 18th century, two drinks and coffee included. The group will be accompanied by a Berlin guide for the whole tour.

Including: deluxe motorcoach; English-speaking guide; lunch and dinner; all entrance fees; information material.

Minimum: 30 participants; fee p.p. Euro 133.00

Excursion to Lüneburg Heath and EXPO 2000 in Hannover: Friday to Sunday, Sept. 1 - 3, 2000

Friday:

13.00 Start by deluxe motor coach to Hannover with a stop for lunch in Lüneburg, a wonderful old town in the middle of the heath; two drinks and coffee included. In the late afternoon arrival in Sarstedt, a small town very close to the EXPO 2000. Stay at a wonderful restored estate in an enchanting countryside. Traditional buffet including drinks.



Saturday:

After breakfast transportation to the EXPO near Hannover. "Humankind, Nature, Technology - A Whole World" is the theme of the Expo 2000. It is based on the AGENDA 21, the environmental policy action program for the 21st century which was signed by 179 countries at the conference of the United Nations in Rio de Janeiro in 1992. The Topics of the AGENDA 21 are i.e.: free trade, the reduction of greenhouse gasses, sustainable agriculture and forestry and the economic development worldwide, with a view to linking economic activity with social responsibility.

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Sunday:

After breakfast return travel to Hamburg. Arrival in Hamburg approx. 12.00 hrs. Including: deluxe motorcoach; English-speaking guide; two overnight stays with breakfast; one lunch; one dinner; entrance fee; information material. Minimum: 30 participants; fee p.p. Euro 414.50

One Day Trip to EXPO 2000 in Hannover: Saturday, Sept. 2, 2000

From 9.00 - 20.00 hrs

Activities see: Weekend trip to EXPO 2000 Hannover, Saturday program, Including: deluxe motor coach; English-speaking guide; entrance fee; information material.

Minimum: 30 participants; fee p.p. Euro 82.50





SATELLITE AND RELATED EVENTS

Please note the following scientific meetings:

6th Conference of the International Endotoxin Society

Aug. 24 - 27, 2000, Institut Pasteur, Paris

Information:

IES Paris 2000 - SOCFI
14 rue mandar, 75002 Paris, France
Fax: + 331-4026-0444
<http://www.pasteur.fr/recherche/unites/ies2000/>

1st German-Polish-Russian Meeting on Bacterial Carbohydrates

Sept. 4 - 5, 2000, Research Center Borstel, Germany,

Information:

Bettina Brand
Research Center Borstel
Parkallee 22, 23845 Borstel, Germany
Tel.: +49-4537-188-439; Fax: +49-4537-188-404
E-mail: bbrand@fz-borstel.de





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Hamburg

in Europe





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|--|--|---|--|---|--|--|
| 1 Park Hyatt
Bugenhäuserstrasse 8-10 | 4 Marriott Hotel
ABC-Strasse 52 | 7 Graf Moltke
Steindamm 1 | 10 Hotel Norge
Schaferskaipalace 49 | 15 Hotel Amsterdam
Hotel Gami Bellmoor
Hotel Wagner
Hoorwädersstrasse 34 | 16 Hotel Vorbach
Jahnallee 65-67 | 17 "Instant Sleep" Backpackhotel
Max-Bräuer-Allee 277 |
| 2 Kempki Hotel Atlantic
An der Alster 72-79 | 5 Renaissance Hotel
Grosse Bleichen | 8 Astron Suite Hotel
Feldstrasse 53-55 | 11 Hotel Baseler Hof
Esplanade 11 | 18 Hotel "Am Rothenbaum"
Rothenbaumchaussee 107 | 19 Youth Hostel "Auf dem Sintfang"
Alfred-Wegener-Weg 5 | |
| 3 Elysee Hotel
Rothenbaumchaussee 10 | 6 Radisson SAS
Wenzeller Strasse 2 | 9 Maritim Hotel Reichshof
Kirchenallee 34-36 | 12 Hotel Ibis HH Altona
Königsstrasse 4 | 14 Hotel Berlin
Borgfelder Strasse 1-9 | 17 Scharzenstern
Barkelstrasse 12 | X Symposium Venue |