



## 7<sup>th</sup> Carbohydrate Bioengineering Meeting (CBM7)



## First Announcement

April 22-25, 2007  
Braunschweig/Germany



Technical  
University of  
Braunschweig



DECHEMA e.V.

### Scope

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The CBM series, an initiative that was launched in 1995 in Elsinor (Denmark), has consolidated its position in the rapidly growing area of glyco-sciences as a biennial interdisciplinary meeting for scientists from academia and industry. Like its predecessors in Elsinor, La Rochelle, Newcastle, Stockholm, Groningen and Barcelona (2005), CBM 7 in Braunschweig aims at stimulating high quality research in basic and applied aspects of carbohydrate bioengineering through the exchange of ideas and experience and a lively debate on state-of-the-art knowledge.

The field of carbohydrate research derives its dynamic character from its diversity, its activities ranging from structural material to substrates for all living species to highly differentiated and specific signal functions. Today the biological, medical and industrial relevance of carbohydrates and glycoconjugates is undisputed.

The tremendous structural diversity is a challenge to research since it addresses the analysis and synthesis of complex carbohydrate structures and their functions, including enzyme and whole-cell biocatalyst development, design and application, as well as structure-function relationships of carbohydrate-active enzymes.

The programme of CBM 7 will provide a comprehensive overview of the field of carbohydrate bioengineering - from fundamental research topics to industrial applications. Experts from the international scientific community will present their latest research achievements and progress, inspiring those working in the field.

### Organizing Committee

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K. Buchholz (chair), Technical University of Braunschweig/D

J. Jördening, Technical University of Braunschweig/D

J. Seibel, Technical University of Braunschweig/D

D. Holtmann, DECHEMA e.V., Frankfurt/D

### International Programme Committee

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|----------------------|--|
| B. Svensson, (chair) | Technical University of Denmark/DK           |
| L. Dijkhuizen,       | University of Groningen/NL                   |
| T. Feizi,            | Imperial College London, Harrow/UK           |
| H.J. Gilbert,        | University of Newcastle/UK                   |
| T. Kuriki,           | Ezaki Glico Co. Ltd., Osaka/J                |
| P. Monsan,           | INSA, Toulouse/F                             |
| S. Pedersen,         | Novozymes A/S, Copenhagen/DK                 |
| A. Planas,           | Institut Quimic de Sarriá, Barcelona/E       |
| T.T. Teeri,          | Royal Institute of Technology, Stockholm/S   |
| S.G. Withers,        | University of British Columbia, Vancouver/CA |

## ***General Information***

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Organized by the Technical University of Braunschweig/D and DECHEMA e.V., Society for Chemical Engineering and Biotechnology, Frankfurt/D

Under the auspices of  
The Section on Applied Biocatalysis of the European Federation of Biotechnology

With the collaboration of  
the joint research project "From Gene to Product" (SFB 578 of Deutsche Forschungsgemeinschaft)

## ***Conference Topics***

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- Engineering of enzymes and glycoconjugates
- Synthesis of carbohydrates and glycoconjugates
- Glycomics and bioinformatics
- Structure-function relationships of carbohydrate-active enzymes
- New insights into enzymatic reaction mechanisms
- Applied aspects of carbohydrates
- Carbohydrates in health and nutrition
- Renewable resource utilization

## ***Dates to Note***

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End of June 2006:	Distribution of Call for Papers
29 September 2006:	Deadline for Paper Submission
November 2006:	Notification of Acceptance and Instructions for Authors
January 2007:	Final Programme available

## ***Paper Submission***

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Authors wishing to present a paper are asked to submit a 1-page abstract by **September 29, 2006**. Submission of oral or poster presentations will be possible from May 2006.

The congress language will be English. Abstracts should be submitted via internet at <http://www.dechema.de/cbm7>. From May onwards a template for preparing your abstract will be available on the website. The abstracts should explicitly mention objectives, new results, and conclusions or significance of the work.

The selection of presentations (orals and posters) will be based on a review of the abstracts by the International Programme Committee.

## ***Conference Secretariat***

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DECHEMA e.V.  
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Theodor-Heuss-Allee 25  
60486 Frankfurt am Main/Germany  
Phone: ++49/69/7564-280  
Fax: ++49/69/7564-176  
eMail: [geiling@dechema.de](mailto:geiling@dechema.de)

## ***Accommodation***

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Reservation of accommodation for CBM7 participants will be made by

Braunschweig Stadtmarketing GmbH  
Ms. Corinna Podufal  
Vor der Burg 1  
38100 Braunschweig

Phone: +49 (0)531 – 470 2051  
Fax: +49 (0)531 – 470 2055  
[congress@braunschweig.de](mailto:congress@braunschweig.de)

For further information on Braunschweig please visit <http://www.braunschweig.de>.

## ***The City of Braunschweig***

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Braunschweig (Brunswick) is a historical city with important research institutions, such as the Technical University founded in 1745. In the 12th century Henry the Lion, Duke of Saxony and Bavaria, made Brunswick his seat with the castle as his residence and the cathedral as the focal point of the city. His wife, daughter of the King of England, actively fostered courtly life and culture. During subsequent centuries the city became the economic and cultural centre of northern Germany. The Cloth Hall ('Gewandhaus') and Old City Hall still testify to the wealth and self-confidence of the citizens of those times. Today Braunschweig is also called a city of research with many renowned institutions.

Regularly up-dated information on cbm7 can be found on the conference website at <http://www.dechema.de/cbm7>