

GENERAL INFORMATION

VENUE

The event takes place at the
Pentahotel Leipzig
Grosser Brockhaus 3
04103 Leipzig
Phone: +49 341 12920
Fax: +49 341 1292800
e-mail: info.leipzig@pentahotels.com

ACCOMMODATION

A number of hotel rooms at the Pentahotel have been reserved for you.

Standard Room: 124 Euro per night incl. breakfast

To confirm your room (**deadline is 10 February 2016**) please call +49 341 1292 109 or write to reservations.leipzig@pentahotels.com citing the password „DGF“

Upgraded „Penta Plus“ or „Penta Club“ rooms are also available for a premium of 30 (40) Euro, respectively. Please ask the hotel for details.



© Pentahotel Leipzig

REGISTRATION

To register for the congress please make use of the online Registration
www.dgfett.de/meetings/aktuell/leipzig2016

If you prefer to register by fax, complete the registration form and return to the headquarters.

Fees*

	until 10 February 2016	after 10 February 2016
Member**	470 Euro	500 Euro
Non-Member	500 Euro	530 Euro
Students*** (proof needed)	200 Euro	230 Euro

* Registration fees are not subject to value added tax (tax exemption according §4 Nr. 22a UStG).

** DGF or Euro Fed Lipid

***The student status is granted to undergraduate, postgraduate and Ph.D. students. Please provide a suitable proof of your student status with the registration (e.g. copy of the student card, confirmation of the institute or similar).

The registration fee includes:

- Entry to the scientific programme
- Book of abstracts
- List of participants
- Lunch, Dinner (Auerbach's Keller)
- Coffee Break beverages

After registration you will receive an invoice.

Paying by Bank Transfer:

Please transfer the total fees (free of bank commission) to:

Deutsche Gesellschaft für Fettwissenschaft e.V.
Deutsche Bank, Frankfurt
IBAN: DE05 500 700 240 240 1230 00
SWIFT/BIC: DEUT DE DBFRA

Please quote your reference number.

Paying by Credit Card

We accept Visa, MasterCard and AMEX

Cancellation Policy

Cancellations received on or before **10 February 2016** will be refunded minus a 50 Euro processing fee. After that date until **1 March 2016**, 50% of the registration fee will be refunded. There will be no refund for cancellations after **1 March 2016** or No-Shows. Substitute participants can be named anytime without costs.

If the congress is cancelled for whatever reason, paid fees will be refunded. Further recourse is excluded.

GENERAL INFORMATION

DIRECTIONS

See hotel webpage for details
www.pentahotels.com/en/hotels/leiph-leipzig/directions

Download Directions from the hotel webpage (.pdf, 436 KB)
www.pentahotels.com/fileadmin/penta-pdfs/penta_anfahrt_leipzig_rgb.pdf

ORGANISER



Deutsche Gesellschaft für Fettwissenschaft (DGF) e.V.
Postfach 90 04 40
60444 Frankfurt/Main
Telefon: +49 69 7917-533
Fax: +49 69 7917-564
E-Mail: info@dgfett.de

© Titelbilder: (oben) Mark Yuill – fotolia; (unten v.l.) © Andreas Schmidt – Itm, A. Rath – fotolia, Andreas Schmidt – Itm



© Michael Bader – Itm



Deutsche Gesellschaft für Fettwissenschaft (DGF)
German Society for Fat Science (DGF)

5th Leipzig Symposium

Processing and Analytics: How does co-operation work in Practice?



9 – 10 MARCH 2016 · LEIPZIG · GERMANY

www.dgfett.de/meetings/aktuell/leipzig2016

INVITATION

Dear Reader,

The German Society for Fat Science (DGF) would once again like to invite you to Leipzig, for the 5th Leipzig symposium. The Leipzig symposium has always been committed to stimulating discussion among the operational bodies of the vegetable oil industry about the latest trends, in terms of technology, operation and management.

Furthermore it aims at offering a forum for plant managers, productivity leaders, and QHSE managers to cover the discussion of 'hands-on' topics. This year we would like discuss the opportunities generated by applying the latest developments in analytics to process technology and production practice. The progress in analytics is fulminant - detection levels are spiraling down almost daily, more and more compounds can be analyzed in a much simpler manner. Many compounds can even detected 'on-line' in a very reliable manner, with even new compounds being identified with further scientific debates in case these are suspected contaminants.

These developments affect the processing of oilseeds and vegetable oils. We want to use this symposium mainly to stimulate the debate between experts in analytic technologies and experts in processing to identify and to exploit synergies, but also to identify further gaps/needs in development. The industry should be aware of these debates/developments to have a chance to be actively involved.

Contaminants research is ongoing, aiming at identifying mechanisms of formation, contamination and risks, but also aiming at finding ways to avoid or to remove contaminants. The best process conditions need to be identified, developed and assured to minimize the risk. Here, fast and reliable analytical methods can be of immense help. In terms of yields, reliable analytical methods help to develop and control the right process conditions for stable processes running under optimal conditions. The maintenance of such conditions can be quite complicated and tricky due to almost permanently varying composition/condition of the feed material – a problem we face regularly when processing agricultural products of global origin. Here on-line analytics help to track and to react fast on such variations to assure optimum yield.

On the other hand if process conditions are chosen based on analytical results, it must be assured that these methods are reliable and regularly counter-checked and calibrated. All these items will be discussed during the 5th symposium in Leipzig – and we heartily invite you to participate and to contribute actively!

See you again in Leipzig!



Gunter Börner
Magdeburg
DGF division "Processtechnology"



Dr.-Ing. Thies Langmaack
Flensburg
DGF division "Processtechnology"

PROGRAMME

WEDNESDAY, 9 MARCH 2016

	<i>Chair: Gunther Börner</i>
13:00-13:10	WELCOME
	Pesticides/Contaminants
13:10-13:50	Gerrit van Duijn, gerritvanduijn consultancy, Vlaardingen/NL Fate of Contaminants during the Refining Process of Vegetable Oils and Fats: A Calculation Model
13:50-14:20	Monika Richter, BASF AG, Limburgerhof/DE Plant Protection and Healthy Oils – a Contradiction?
14:20-14:50	Bernd Diehl, Spectralservice AG, Cologne/DE NMR Spectroscopy for Degradation and By-product Testing in Edible Oils and Derivatives
14:50-15:10	Discussion
15:10-15:40	COFFEE BREAK
	Oxidation
15:40-16:10	Nils Hinrichsen, ADM, Hamburg/DE The Oxidation of Vegetable Oils and how to prevent it
16:10-16:40	Torben Küchler, Eurofins, Hamburg/DE Analytical Methods for the Monitoring of Changes in Fats and Oils, especially Oxidation
16:40-17:00	Discussion
	Trans-Fatty Acids
17:00-17:30	Ludger Brühl, Max Rubner-Institute, Detmold/DE Evaluation of Alternative Solutions for trans Fatty Acids in Selected Foods
17:30-18:10	Antonios Papastergiadis, Wim De Greyt, Jan De Kock, Desmet Ballestra Group, Zaventem/BE Technological Solutions and Developments in Edible Oil Processing to Minimize Contaminants in Various Types of Oils and Fats
18:10-18:30	Discussion
19:30	Dinner at Auerbach's Keller Mädler Passage, Grimmaische Strasse 2-4

www.dgfett.de/meetings/aktuell/leipzig2016

PROGRAMME

THURSDAY, 10 MARCH 2016

	<i>Chair: Thies Langmaack</i>
	3-MCPD und Glycidyl
08:30-09:00	Bertrand Matthäus, Max Rubner-Institute, Detmold/DE Ten Years 3-MCPD and Glycidyl Ester in Edible Fats and Oils - Where are we Today?
09:00-09:30	Jan Kuhlmann, SGS, Hamburg/DE Status and Recommendations on Analysis of 3-MCPD and Glycidyl-Esters
09:30-10:00	Iekje Berg, Gerhard de Ruyter, Ralf Pijpers, Gema Rodríguez Longarela, Tiong Soon Huat, David Ross Appleton, Harikrishna AL Kulaveerasingham/Sime Darby R&D Ensuring Trusted Quality Palm Fruit Oils
10:00-10:20	Discussion
10:20-10:40	COFFEE BREAK
	Mineral oil
10:40-11:20	Florence Lacoste, ITERG, Pessac/FR Mineral Oil in Vegetable Oils: Laboratory and Industry Issues
	Online-Analysis
11:20-11:50	Daniel Sellin, Infrared Process Control, Hamburg/DE Online Process Monitoring by Means of Miniaturized Mid-Infrared Spectrometers
11:50-12:20	Alexander Scholl, Siemens AG, Nürnberg/DE Benefits of Digitalization in Laboratory and Process Analysis
12:20-12:50	Juste Hahne/Dirk Heinrich, Bühler AG, Uzwil/CH Multi Online Near Infrared Spectroscopy in Oil Seed Processing Plants
12:50-13:20	Discussion and Final Remarks

TABLE TOP EXPO

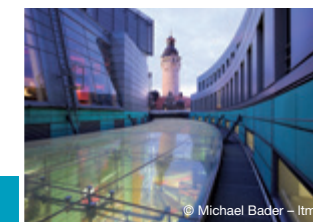
There is limited space available for companies interested in presenting their products and services with a table top expo. Potential exhibitors are kindly asked to contact the headquarters (Phone +49 69 7917-529 or amoneit@dgfett.de) for details. The price is 500 Euro + VAT (if applicable) and includes further promotional options.

LEIPZIG

Leipzig has always been a trade city, situated during the time of the Holy Roman Empire at the intersection of two important trade routes. At one time, Leipzig was one of the major European centres of learning and culture in fields such as music and publishing. After World War II, Leipzig became a major urban centre within the Communist German Democratic Republic.

Johann Sebastian Bach worked in Leipzig from 1723 to 1750, conducting the St. Thomas Church Choir, at the St. Thomas Church, the St. Nicholas Church and the Paulinerkirche. The St. Nicholas Church later played a significant role in instigating the fall of communism in Eastern Europe, through events which took place 1989 in and around it.

The Leipzig Gewandhaus Orchestra is one of the oldest symphony orchestras in the world. It is named after the concert hall in which it is based, the Gewandhaus. The list of music directors contains names like Felix Mendelssohn, Wilhelm Furtwängler and Kurt Masur.



© Michael Bäder – Itm



© Andreas Schmidt – Itm



© Andreas Schmidt – Itm



© Andreas Schmidt – Itm