

COMUNICACIONES DE LA E.B.C.



European Brewery Convention

**WELCOME TO THE 33ND
EBC CONGRESS IN GLASGOW!**



PROVISIONAL PROGRAMME



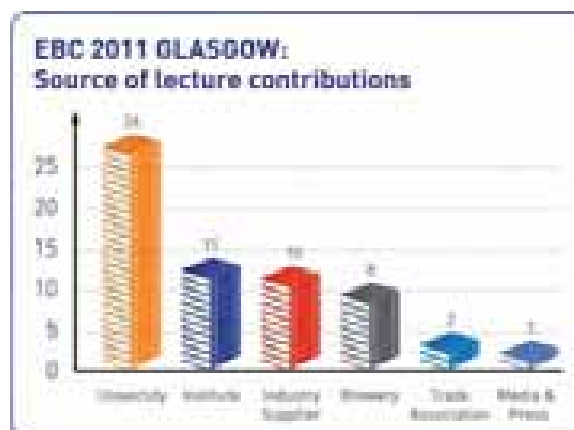
On behalf of the official hosts, the British Beer and Pub Association (BBPA) together with The Brewers of Europe and EBC, a warm welcome to all of you to come to Glasgow! One of the liveliest and most cosmopolitan destinations in Europe, Glasgow has shed its grimy industrial age image and has rebranded itself as a centre of style and vitality set against a backdrop of outstanding Victorian architecture. Glasgow boasts world famous art collections, the best shopping in the United Kingdom outside London, and the most vibrant and exciting nightlife in Scotland. Art and culture, beer and

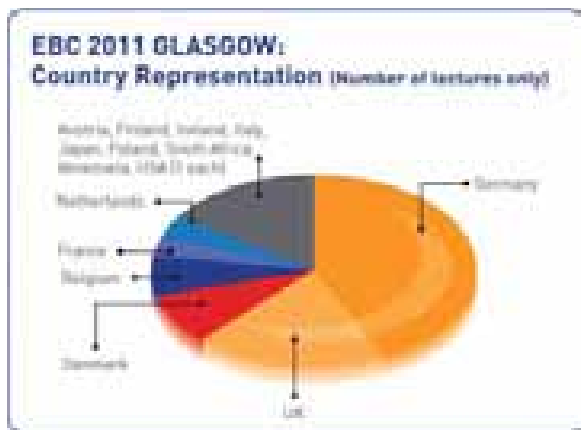
whisky, are important in Glasgow life where galleries and museums coexist peacefully next to pubs and restaurants in abundance. Plenty to look forward to!

Looking back to the EBC congress in Hamburg and comparing notes on delegates' feedback, we have embarked on several initiatives to make this congress another EBC success. To point out a few:

- In general, registration fees have been maintained at the level of the Hamburg event. However, the EBC Executive has approved the scrapping of a "member" versus a "non-member" fee since this distinction is now less relevant with EBC being in the fold of The Brewers of Europe.
- For the first time we have instituted significant discounts for all full-time students and retired industry professionals, recognising the important role these groups play in the generation and dissemination of brewing knowledge and experience.
- The central area of the congress at the SECC will once again be the exhibition hall, strategically flanked by various beer and refreshment stations, as well as the poster display areas.
- The number of lectures and the structure of the technical programme has been modeled on that of Hamburg which drew mostly praise for being well-balanced

And, significantly, EBC has further refined the online abstract submission system and "blind" evaluation process, enabling a neutral and unbiased selection of presentations. An unprecedented number of 18 members of the EBC Selection Committee participated in the reviewing. A solid technical programme, coupled with a variety of social and technical tours, means there is every reason to attend the 2011 congress of the European Brewery Convention in Glasgow.





John Brauer

John M. Brauer
EBC Executive Officer

PRELIMINARY LECTURE PROGRAMME

Sunday, **22 May 2011**

- 13.00 - 20.00** **Registration**
- 18.30 - 23.00** Opening Ceremony in the SECC / Lomond Auditorium; afterwards Welcome Party in the Glasgow Science Centre.

Monday, **23 May 2011**

- 07.30 - 18.00** **Registration**
- 10.00 - 18.00** **Exhibition**
- Opening / Key-note sesión**
Chair: *Christian von der Heide, Diageo, Ireland*
- 08.30 - 09.00** L1 Challenges to the UK brewing and hospitality sector: Getting on the front foot.
Brigid Simmonds, OBE, Chief Executive, British Beer & Pub Association, London, United Kingdom
- 09.00 - 09.30** L2 Drinkaware - changing the UK's drinking culture
Paul K Hegarty, Drinkaware, London, United Kingdom

- 09.30 - 10.00** L3 The Scottish Brewing Archive Association
Harvey Milne, RV Quality Management & Training, Dunfermline, United Kingdom
- 10.00 - 10.30** **COFFEE BREAK**
- 10.30 - 11.00** L4 Does beer serve Europe? The Brewers of Europe response in a challenging policy environment
Pierre-Olivier Bergeron, The Brewers of Europe, Brussels, Belgium
- 11.00 - 11.30** L5 Trends in hop research: Review of the EBC Hop Symposium 2010
Martin Biendl, Hopsteiner, Mainburg, Germany
- 11.30 - 12.00** L6 Should you mix your drinks? The globalisation of the brewing and distilling industry enters the next stage
Ina Verstl, Brauwelt International, Nürnberg, Germany
- 12.00 - 12.30** L7 Alcohol health benefits and risks 2011. Where are we now?
Oliver F W James, Chairman of the Board of Directors, ERAB: The European Foundation for Alcohol Research
- 12.30 - 14.00** **LUNCH BREAK, EXHIBITION, POSTERS**
- Raw Materials 1: Barley & Malt**
Chair: *Hans-Georg Eils, Karlsberg Brauerei, Germany*
- 14.00 - 14.30** L8 Methods, applications and chances for bulk sorting of cereals
Konrad Müller-Auff ermann, TUM Weihenstephan, Freising, Germany
- 14.30 - 15.00** L9 A new screenings method detects Fusarium on barley using multispectral imaging
Britt Moeller, Videometer A/S, Hørsholm, Denmark
- 15.00 - 15.30** L10 Further developments in the analysis of the barley grain protease spectrum



		<i>Angela M Bell, Heriot-Watt University, Edinburgh, United Kingdom</i>			
15.30 - 16.00	L11	Proteomic analysis of drought stress in barley (<i>Hordeum vulgare</i> L.) <i>Charlotte Wendelboe-Nelson, Heriot-Watt University, Edinburgh, United Kingdom</i>		09.30 - 10.00	L17 Influences to the transfer rate of hop aroma compounds during dry-hopping of lager beers <i>Martin Krottenthaler, TUM Weihenstephan, Freising, Germany</i>
16.00 - 16.30		COFFEE BREAK		10.00 - 10.30	COFFEE BREAK
16.30 - 17.00	L12	Malting – The interface in between agriculture and brewing & distilling industry design and specification of malting plants for processing barley with focus on varying barley varieties, origin and quality <i>Michael Nierle, Diageo, Dublin, Ireland</i>		10.30 - 11.00	L18 Hopping of low alcohol beers <i>Adrian Forster, HVG Hopfenverwertungsgenossenschaft e.G., Wolnzach, Germany</i>
17.00 - 17.30	L13	New insight on steeping step <i>Patrick Boivin, IFBM, Vandoeuvre, France</i>		11.00 - 11.30	L19 Evaluation of different hop products and boiling parameters to reduce sunstruck flavor in non-alcoholic fermented beverages <i>Alicia Munoz Insa, TUM Weihenstephan, Freising, Germany</i>
17.30 - 18.00	L14	Analysis of the barley malting process for increased malt quality and gushing prevention <i>Karin Gorzolka, Bielefeld University, Bielefeld, Germany</i>		11.30 - 12.00	L20 Incremental hop dosage regime to improve oxidative stability of beer <i>Philip Wietstock, Technische Universität Berlin, Berlin, Germany</i>
Tuesday, 24 May 2011		PARALLEL SESSION 1		12.00 - 12.30	L21 Influence of hop pre-treatment before dosage on the utilisation rate of isohumulones and resulting beer quality <i>Sebastian Kappler, TUM Weihenstephan, Freising, Germany</i>
08.00 - 18.00		Registration		12.30 - 14.00	LUNCH BREAK, EXHIBITION, POSTERS
10.00 - 18.00		Exhibition			Yeast & Microbiology <i>Chair: Hilary Jones, Westbeer Brewery Glasgow, United Kingdom</i>
		Raw Materials 2: Hops <i>Chair: Thomas H. Shellhammer, Oregon State University, USA</i>		14.00 - 14.30	L29 Effects of fermentable sugar composition on defective fermentation <i>Yuichiro Mese, Kirin Brewery Company Limited, Yokohama-shi, Kanagawa, Japan</i>
08.30 - 09.00	L15	Investigations about occurrence and characterisation of different strains of hop wil (<i>Verticillium ssp.</i>) to develop a control strategy against this pathogen <i>Stefan Seefelder, Bavarian State Research Centre for Agriculture, Freising, Germany</i>		14.30 - 15.00	L30 Determining the optimal maturation time in secondary fermentations via certain fermentation by-products and sensory <i>Urs Wellhoener, Boston Beer Company, Boston, USA</i>
09.00 - 09.30	L16	Evidence of free and bound polyfunctional thiols in different hop cultivars <i>Jacques Gros, Université catholique de Louvain, Louvain-la-Neuve, Belgium</i>		15.00 - 15.30	L31 Step-wise adaptive evolution of a brewer's yeast strain for both osmo- and ethanol tolerance



		<i>Brian R Gibson, VTT, Espoo, Finland</i>			<i>Carsten Zufall, Cerveceria Polar, Caracas, Venezuela</i>
15.30 - 16.00	L32	Resistance to hop iso- α -acids in yeast involves active transport and vacuolar sequestration <i>Lucie Hazelwood, NIZO Food Research, Ede, The Netherlands</i>	11.00 - 11.30	L26	Influence of (novel) brewing raw materials on Beer Membrane Filtration <i>André Mepschen, TUM Weihenstephan, Freising, Germany</i>
16.00 - 16.30		COFFEE BREAK	11.30 - 12.00	L27	Efficient beer recovery from surplus yeast with use of appropriate flocculant <i>Gerald Josef Zanker, Brauunion Österreich (Heineken), Puntigam, Austria</i>
16.30 - 17.00	L33	If only brewing yeast could speak ... <i>Katherine A Smart, University of Nottingham, Loughborough, United Kingdom</i>	12.00 - 12.30	L28	Hop-based antifoam emulsions <i>Camille Herve, University of Nottingham, Loughborough, United Kingdom</i>
17.00 - 17.30	L34	Real time monitoring of glucose and fructose metabolism in yeast by DNP-NMR <i>Jens O Duus, Carlsberg Laboratory, Valby, Denmark</i>	12.30 - 14.00		LUNCH BREAK, EXHIBITION, POSTERS
17.30 - 18.00		Poster Session			Sensory Science & Technology <i>Chair: Willem van Waesberghe, Heineken, The Netherlands</i>
Tuesday, 24 May 2011		PARALLEL SESSION 2	14.00 - 14.30	L35	The contribution of aldehydes to the staling taste and odour of pale lager beer <i>Jessika De Clippeleer, KaHo St.-Lieven, Gent, Belgium</i>
08.00 - 18.00		Registration	14.30 - 15.00	L36	The effect of UVC irradiation on beer hopped with reduced hop iso- α acids: A consumer study <i>Antoine Aime Mfa Mezui, University of Stellenbosch, Stellenbosch, South Africa</i>
10.00 - 18.00		Exhibition	15.00 - 15.30	L37	Instrumentation that mimics taste perception: An artificial bitter taste cell <i>Paul Hughes, ICBH Heriot-Watt University, Edinburgh, United Kingdom</i>
		Beer Processing & Quality <i>Chair: Paul Hughes, ICBH, Heriot-Watt University, United Kingdom</i>	15.30 - 16.00	L38	Are cheeses and beers tantalizing partners? Consumers speak out <i>Gianluca Donadini, Università Cattolica del Sacro Cuore, Piacenza, Italy</i>
08.30 - 09.00	L22	Microbiological stability of beer in plastic packaging <i>Roland Folz, VLB Berlin, Berlin, Germany</i>	16.00 - 16.30		COFFEE BREAK
09.00 - 09.30	L23	Flash pasteurization as a significant influence on the long-term stability of beer <i>Jean Titze, Deloitte, Unternehmensberatung Weihenstephan, Munich, Germany</i>	16.30 - 17.00	L39	TAS2R taste receptor activation and oral mucosa binding deter-
09.30 - 10.00	L24	Fault diagnosis of bottling plants – Analysis with a model based algorithm <i>Stefan Flad, TUM Weihenstephan, Freising, Germany</i>			
10.00 - 10.30		COFFEE BREAK			
10.30 - 11.00	L25	Development of an interlaboratory test for microbiological analyses			



		mine the perception of the beer's bitterness <i>Michael Dresel, TUM Weihenstephan, Freising, Germany</i>			sustainable kieselguhr free pre-coat filtration <i>Nikolaj Schmid, BASF SE, Limburgerhof, Germany</i>
17.00 - 17.30	L40	Hop aroma in beer: a comparison of brewers' expectation versus sensory profiling <i>Thomas H. Shellhammer, Oregon State University, Corvallis, USA</i>	12.00 - 12.30	L47	Eco ₂ nomics is true sustainability – "Going green" and nursing your bottom line <i>can</i> go hand in hand... <i>Johnnie Rask Jensen, Danfoss Solutions, Kolding, Denmark</i>
17.30 - 18.00		Poster Session	12.30 - 14.00		LUNCH BREAK, EXHIBITION, POSTERS
Wednesday, 25 May 2011 PARALLEL SESSION 1					
08.00 - 17.30		Registration			Risk Factors and Beer Safety <i>Chair: David Long, OBE, former Chief Executive BBPA, United Kingdom</i>
10.00 - 16.30		Exhibition	14.00 - 14.30	L55	Impacts of Premature Yeast Flocculation (PYF) factor(s) on fermentation and metabolite profiles <i>Apostolos G Panteloglou, The University of Nottingham, Loughborough, United Kingdom</i>
		Environmental <i>Chair: David Grant, SABMiller, United Kingdom</i>	14.30 - 15.00	L56	Premature Yeast Flocculation (PYF) - Risk assessment based on a routine laboratory analysis of barley malt <i>Michael Voetz, VLB Berlin, Berlin, Germany</i>
08.30 - 09.00	L41	Benchmarking energy and water consumption on process level <i>Fons M Pennartz, KWA Business Consultants, Amersfoort, The Netherlands</i>	15.00 - 15.30	L57	Formation of styrene by top fermenting wheat beer yeast <i>Frank-Jürgen Methner, Technische Universität Berlin, Berlin, Germany</i>
09.00 - 09.30	L42	High temperature Zeolith storage for the brewery <i>Ovidiu-Alin Diaconu, TUM Weihenstephan, Freising, Germany</i>	15.30 - 16.00		COFFEE BREAK
09.30 - 10.00	L43	Early protein flocculation to decrease boiling need of wort <i>Gert De Rouck, KaHo St.-Lieven, Gent, Belgium</i>	16.00 - 16.30	L58	Emergent mycotoxins: Behaviour from field to final beer <i>Benjamin Neugnot, IFBM, Vandoeuvre, France</i>
10.00 - 10.30		COFFEE BREAK	16.30 - 17.00	L59	Mycotoxins: Know your limits <i>Ian HL Ormrod, Campden BRI, Nutfield, United Kingdom</i>
10.30 - 11.00	L44	Application of cost/time saving solution (Rotary Jet Head) - suitability and influence on product quality <i>Aleksander Poreda, University of Agriculture, Krakow, Poland</i>	17.00 - 17.30	L60	Closing Session <i>Christian von der Heide, EBC President, Diageo, Dublin, Ireland</i>
11.00 - 11.30	L45	Dry husk combustion: A new method for the just-in-time production of energy for brewing processes <i>Michael Dillenburger, HERTEL GmbH, Salzburg, Austria</i>	19.00 - 23.00		Farewell Party at Kelvingrove Art Gallery and Museum
11.30 - 12.00	L46	1 st global switch from an industrial kieselguhr filter system to a			



Wednesday, 25 May 2011 **PARALLEL SESSION 2**

08.00 - 17.30		Registration
10.00 - 16.30		Exhibition
		Brewing and Biotechnology <i>Chair: Thomas Becker, TUM Weihenstephan, Germany</i>
08.30 - 09.00	L48	Unmalted barley proportion in the grist to improve the oxidative beer stability <i>Christian Müller, Technische Universität Berlin, Berlin, Germany</i>
09.00 - 09.30	L49	Barley specifications for brewing technology based on unmalted barley <i>Hans-Peter Heldt-Hansen, Bagsværd, Denmark</i>
09.30 - 10.00	L50	Enzymes: valuable technology for improving brewing sustainability <i>Kjeld Olesen, DSM Food Specialties, Delft, The Netherlands</i>
10.00 - 10.30		COFFEE BREAK
10.30 - 11.00	L51	Whole grain conditioning - Alternative method to increase brewhouse performance <i>Jens C Voigt, TUM Weihenstephan, Freising, Germany</i>
11.00 - 11.30	L52	Stick, twist or burn? Potential uses for Brewers' Grains: a review <i>David J Cook, University of Nottingham, Loughborough, United Kingdom</i>
11.30 - 12.00	L53	Association of differentially expressed genes during micro-malting to QTL for malt quality in spring barley <i>Markus Herz, Bavarian State Research Centre for Agriculture, Freising, Germany</i>
12.00 - 12.30	L54	Structural characterization and ligand binding analysis of barley limit dextrinase <i>Anette Henriksen, Carlsberg Laboratory, Valby, Denmark</i>
12.30 - 14.00		LUNCH BREAK, EXHIBITION, POSTERS

Subject to change

EVENING PROGRAMME

SUNDAY, 22 MAY 2011, 18.30 – 23.00 h

Opening Ceremony on 18.30 h at the SECC afterwards Welcome Party at the Glasgow Science Centre

The Glasgow Science Centre is located within close proximity to the SECC. It is one of the leading tourist attractions in Glasgow that houses three floors of over 250 interactive science-learning exhibits presenting concepts of science and technology in unique and inspiring ways. Within this area food and drinks will be served. www.gsc.org.uk

MONDAY, 23 MAY 2011

Pub Night

Globalmalt GmbH & Co. KG offers a pub night in Glasgow's bars to the registered participants. Please note that the number of tickets is limited. Tickets can be ordered on a first-come, first-served basis.

WEDNESDAY, 25 MAY 2011, 19.00 – 23.00 h

Farewell Party at the Kelvingrove Art Gallery and Museum

Enjoy the last evening of the congress in the historic building of the Kelvingrove Art Gallery and Museum which houses one of Europe's great civic art collections. The art collection includes many outstanding European artworks, including works by the Old Masters, French Impressionists, Dutch Renaissance, Scottish Colourists and proponents of the Glasgow School. Since its 2003-2006 refurbishment, the museum has been the most visited museum in the UK outside London. Delicious food and drinks will be served in the breathtaking entrance hall of the Museum. Dress Code: business casual

SOCIAL PROGRAMME

All tours start and finish at SECC – Scottish Congress + Exhibition Centre (except "National Piping Museum Glasgow" – start will be at the museum).

SUNDAY, 22 MAY 2011, 13.30 – 15.30 h and 16.00 – 18.00 h

Glasgow City Tour

This short introduction to Glasgow will cover a panoramic tour of the city including all sights.



Price per person: € 30.00
Incl. bus, guide

MONDAY, 23 MAY 2011, 09.00 – 17.00 h

Rosslyn Chapel and Edinburgh City Tour The tour will start with a visit of the stunning 15th Century Rosslyn Chapel, scene of Dan Brown's blockbusting novel *The Da Vinci Code*. Uncover the myths and legends associated with Rosslyn Chapel, in particular the Knights Templar, Freemasonry, The Apprentice Pillar and the Holy Grail.

After Rosslyn Chapel Edinburgh also known as the "Athens of the North" will be discovered by a panoramic tour of the city including the Royal Mile, the Old and New Towns, which are UNESCO World Heritage Sites.

After lunch the remainder of the afternoon is free for shopping and/or sightseeing.

Incl. in partner's registration fee
For normal registered participants price per person € 70.00 Incl. bus, guide, admission to Rosslyn Chapel, sightseeing tour of Edinburgh, lunch and soft drinks at a restaurant

TUESDAY, 24 MAY 2011, 13.00 – 17.00 h

Glengoyne Distillery & Loch Lomond Shores

Whisky means 'Water of Life' and this is the place to come and enjoy a wee dram. Glengoyne is reputed to be Scotland's most beautiful distillery. Guests are welcomed with a dram of Glengoyne 10 year old Highland Single Malt Whisky, view a short video presentation and are taken on an informative and entertaining guided distillery tour. At the end of the tour guests can sample the award winning 17 year old Highland Single Malt Whisky.

Enjoy the stunning views and a little shopping from Loch Lomond Shores in the Loch Lomond National Park.

Price per person: € 50.00
Incl. bus, guide, guided tour and tasting at the distillery

WEDNESDAY, 25 MAY 2011, 13.00 – 16.30 h

National Piping Museum Glasgow

The Great Highland Bagpipe, perhaps the best known of Scotland's musical instruments and an ambassador for Scotland throughout the world will be shown at The National Piping Centre. You can witness hundreds of years of Scottish heritage, played out right before your eyes and ears at the Museum of Piping.

The tour will include a visit of the museum, a short recital from a pipe player and the opportunity for you to try the pipe.

Price per person: € 30.00
Incl. visit of museum, short piping recital

TECHNICAL TOURS ON THURSDAY, 26 MAY 2011

All tours start and finish at SECC – Scottish Exhibition + Conference Centre. Refreshments will be provided on all of the tours.

TOUR 1: SWRI – The Scotch Whisky Research Institute and ICBD – International Centre for Brewing and Distilling

Price per person: € 54,00
09.00 h – 16.45 h (arrival Edinburgh Airport: approx. 15.00 h)
(arrival Glasgow Airport: approx. 16.15 h)

SWRI – The Scotch Whisky Research Institute

SWRI is a member based organization providing research, services and consultancy to the distilled drinks industry. Core research concentrates on improving quality ensuring integrity and adding value to products. Expertise covers such areas as quality assessment of cereals, spirit analysis, whisky maturation, authenticity testing and sensory profiling. www.swri.co.uk

ICBD – International Centre for Brewing and Distilling

ICBD is a unique teaching and research facility. The centre is based on a partnership between industry and academics, and makes up part of the School of Life Sciences located in the Riccarton campus of Heriot-Watt University, Edinburgh. With a history dating back to 1821, Heriot-Watt University has established a reputation for world-class teaching and practical, leading-edge research, which has made us one of the top UK universities for business and industry. www.icbd.hw.ac.uk

TOUR 2: Caledonian Brewery

Price per person: € 35,00
11.00 h – 18.00 h (arrival Edinburgh Airport: approx. 16.00 h)
(arrival Glasgow Airport: approx. 17.30 h)

Caledonian, which is owned by Heineken UK, possesses what is now the last remaining direct-fired coppers in use in Britain. The first of these impressive coppers was installed in 1869. The brewery's maltings buildings, though unused, were destroyed by fire in 1994 and another fire in October 1998 destroyed one of the three original coppers. A local company hand-built an exact replacement to the original plans. As part of the repairs, a new yeast room, cask-racking system and new settling tanks for keg beers were added as was a kegging plant. www.caledonian-brewery.co.uk



TOUR 3: Tennent's Wellpark Brewery and WEST Brewery

Price per person: € 35,00
09.45 h – 14.45 h (arrival Glasgow Airport: approx. 14.15 h)

Tennent's Wellpark Brewery

Tennent Caledonian, has been involved in the brewing business since 1556. Its flagship brand, Tennents Lager, has been brewed at the Wellpark Brewery in central Glasgow since 1885, making it the UK's original lager. Other notable Tennents firsts include: first draught lager in 1924, first canned lager in 1935 and first keg lager in 1963 – Scottish innovation at work! www.tennents.com

WEST Brewery

WEST Brewery, with its own German-style beerhall and restaurant, was founded in 2006. Situated in the Victorian grandeur of the famous Templeton former carpet factory, it combines heritage with modern design. Unusually for the UK, all of its beers - German-style lagers and wheat beers - are brewed in accordance with the ancient purity law, the Reinheitsgebot. WEST is a fusion of the tradition and techniques of great German breweries, 21st Century technology and Scottish ingenuity. www.westbeer.com



TOUR 4: Tennent's Wellpark Brewery

Price per person: € 25,00
9.45 h – 14.00 h (arrival Glasgow Airport: approx. 13.30 h)

Tennent Caledonian, has been involved in the brewing business since 1556. Its flagship brand, Tennents Lager, has been brewed at the Wellpark Brewery in central Glasgow since 1885, making it the UK's original lager. Other notable Tennents firsts include: first draught lager in 1924, first canned lager in 1935 and first keg lager in 1963 – Scottish innovation at work! www.tennents.com

TOUR 5: Isle of Arran Distillery and Arran Brewery

Price per person: € 75,00
07.30 h – 19.30 h (arrival Glasgow Airport: approx. 19.00 h)

Isle of Arran Distillery

Isle of Arran Distillers is one of the few remaining independent distilleries in Scotland. Based at Lochranza on the Isle of Arran, one of the most beautiful and famous in Scotland which lies off the West Coast between Ayrshire and Kintyre. www.arranwhisky.com

Arran Brewery

Arguably the most beautiful island in Europe, the Isle of Arran is Scotland's most southerly and accessible island. The Island of Arran is a 55-minute ferry crossing from Ardrossan in south west Scotland which is less than a one hour drive from Glasgow. Arran has a history that dates back as far as the Stone Age, perhaps as far as 7000BC, and today we can still see some of the structures created by its earliest inhabitants. www.arranbrewery.com

TOUR 6: Diageo Shieldhall

Price per person: € 25,00
09.30 h – 14.30 h (arrival Glasgow Airport: approx. 14.00 h)

Diageo Shieldhall is the largest dedicated Scotch Whisky packaging Plant in the world, producing around 25 million cases a year. More than 300 million bottles of whisky leave the 44 acre site each year for 180 markets worldwide, which equates to 27% of the total Scotch Whisky industry worldwide. Almost 500 people are currently employed at Shieldhall, with the Site operating five different shifts on almost a 24-hour basis. The plants' main brands include: Johnnie Walker Red and Black Label, J&B, Bell's Original, Buchanan's, VAT69 and Black & White. www.diageo.com

TOUR 7: Arbroath Maltings - Bairds Malt Ltd.

Price per person: € 40,00
08.30 h – 17.00 h (arrival Glasgow Airport: approx. 16.30 h)

The new malting facility at Arbroath was opened in April 2010. This state of the art malting plant incorporates the latest innovations in malting technology and process control, with quality monitoring which offers the highest levels of efficiency and product consistency. A commitment to reduced energy and water consumption has been a design priority, as has ensuring sustained operational capability. www.bairds-malt.co.uk

TOUR 8: SCRI - Scottish Crop Research Institute (after 01 April: James Hutton Institute)

Price per person: € 55,00
09.00 h – 18.30 h (arrival Glasgow Airport: approx. 18.00 h)



SCRI is Scotland's leading institute for research on plants and their interactions with the environment, particularly in managed ecosystems. The research products are internationally recognised and their mission is to conduct excellent research in plant and environment sciences. SCRI's research focuses on processes that regulate the growth of plants and their responses to pests, pathogens and the environment. It includes genetics to breed crops with improved quality and nutritional value. www.scri.ac.uk

Subject to change. Please note that arrival times at the airport are approximate times only.

GENERAL INFORMATION

REGISTRATION FEES

The registration fees (in EURO, including 20% VAT) can be found on the registration form (page 13-15).

Registration should be done via the congress website www.abc2011glasgow.org or, alternatively, by using the enclosed registration form.

The delegate's fee includes:

- opening ceremony, scientific sessions, exhibition and closing session
- social programme: welcome and farewell party
- lunches and coffee breaks Monday – Wednesday

The day ticket includes:

- scientific programme and entrance to the exhibition on the chosen date
- coffee break and lunch on the chosen date
- no social programme is included

The partner's fee includes:

- social programme: welcome and farewell party
- full-day tour to Edinburgh on 23 May 2011

Please note that colleagues or business associates are not considered as partners.

REGISTRATION DESK

The registration desk in the SECC – Scottish Exhibition + Conference

Centre will be open as follows:

Sunday, 22 May 2011:	13:00 – 20:00
Monday, 23 May 2011:	07:30 – 18:00
Tuesday, 24 May 2011:	08:00 – 18:00
Wednesday, 25 May 2011:	08:00 – 17:30

EXHIBITION

The exhibition will be located in Hall 1 and 2. The coffee breaks and lunch breaks will also take place in this area. The internet pub is located in here as well.

Detailed information, including an interactive floor plan, can be found on the congress website.

The exhibition opening hours are:

Monday, 23 May 2011:	10:00 – 18:00
Tuesday, 24 May 2011:	10:00 – 18:00
Wednesday, 25 May 2011:	10:00 – 16:30

CONGRESS LANGUAGE

The congress language is English. Simultaneous translations will not be provided.

DRESS CODE

The dress code is business casual for the evening events.

CLIMATE

Glasgow's mid-day temperatures in May range from 12 to 18°C and 6 to 10°C at night. There can be light showers, so be prepared for rain as well.

CONGRESS DOCUMENTATION

The abstracts will be published in the final congress programme that delegates will receive in Glasgow. In February 2011, the abstracts will also be published on the congress website.

Furthermore, each participant will receive a CD with all abstracts and presentations at the congress.

HOTEL RESERVATIONS

Hotel reservations can be done together with the conference registration on the congress website www.abc2011glasgow.org or by using the enclosed registration form (see page 13-15).

Further information on hotels and accommodation is available on the congress website. Please note all accommodation rates are mentioned in GBP.

CONGRESS VENUE / TRAVEL INFORMATION

The conference will take place at the



SECC–Scottish Exhibition + Conference Centre

Exhibition Way · Glasgow G3 8YW · United Kingdom
 Phone: +44 (0)141 248 3000 · Fax: +44 (0)141 226 3423
 Email: info@secc.co.uk

Arrival by plane:

SECC can be reached from Glasgow's international airport by airport bus, public transport and taxi. The journey time to SECC by taxi is about 20 minutes (approx. £ 22.00), by public transport about 30 minutes, depending on the connection.

<http://www.glasgowairport.com/>

In addition, Prestwick Airport is served by budget airlines. Approximate distance to Glasgow: 50 km
<http://www.glasgowprestwick.com/>

Arrival by train:

Six trains an hour from Central Station (Platform 17 is on the lower level) will bring you to Exhibition Centre station in a journey time of just three minutes (approx. £1.25).

Arrival by car:

SECC is just off Junction 19 of the M8 motorway. From the M8 take the westbound Clydeside Expressway (A814). Exit the Expressway at, SECC West' slip to access SECC car parking facilities, with space for over 2,500 cars. Parking is £6.00 per car, per visit.

INSURANCE

Registration fees do not include insurance of any kind. It is strongly recommended that all delegates take out their own travel and medical insurance prior to coming to the congress. The organizers will not take any responsibility for any participant failing to insure.

PASSPORT AND VISA REQUIREMENTS

EU residents and visitors from US, Canada, Australia and New Zealand do not need visas for stays up to 3 months; only a valid passport is required. All other visitors are requested to check the specific travel requirements with their own diplomatic mission.

Online registration available on www.ebc2011glasgow.org
J. GENERAL TERMS AND CONDITIONS:

With your registration you agree that your full contact details are used for EBC-related information including the list of participants.

PAYMENT

1. Bank transfer:

In case of increase in value added tax all rates are subject to change without prior notice. Our General Terms and Conditions apply which you accept with the booking order. The payment has to be done together with the registration, the latest within 14 days after sending the application of payment. Please remit the total amount pertaining to the registration fee and fee social / technical programme in Euro with your registration to the above mentioned account.

If you register after **30 April 2011** please show a copy of your bank remittance form at the conference office.

All bank charges must be covered by the participants directly.

2. Credit card:

Please indicate on the registration form your credit card organisation, credit card number, expiry date, CVC-number (VISA / EURO / MASTER: last 3 digits on the back of the card; AMEX: 4 digits on the front of the card) and name of card holder. The total amount of the **registration fee + social programme fee** will be charged to your credit card at the next possible date. Your signature constitutes declaration of consent for the conference office to pass on your credit card data to the hotel, as a guarantee of the hotel reservation.

3. Signature:

Your signature on the registration form is necessary; otherwise your registration cannot be processed.

4. Social Programme / Technical Tours:

Please note that for each offered tour a minimum and maximum of participants is fixed. INTERPLAN reserves the right to cancel any tour due to lack of participation. All fees already paid for such cancelled tours will be refunded to the participants.

Please note that cancellations of tours done by the participant until **15 March 2011** will be charged with an administration fee of 50% of the ticket fee. No refund will be made after the mentioned date.

CANCELLATIONS

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



33RD EBC CONGRESS
22 - 26 MAY 2011 IN GLASGOW / UNITED KINGDOM
 Online registration available on www.ebc2011glasgow.org

Please write in CAPITAL LETTERS and return to:
INTERPLAN AG - Office Hamburg - Kaiser-Wilhelm-Strasse 13 - D - 20085 Hamburg
 Tel: +49(0)40(3)25019231 Fax: +49(0)40(3)25019244 Email: abc@interplan.de



A. DELEGATE / PERSONAL DETAILS

Title	First Name	Surname
Company / Institute		
Street	P.O. Box	
Postal Code	City	
Country	Email	
Phone	Fax	

B. PARTNER

Title	First Name	Surname
-------	------------	---------

C. PLEASE TICK THE BOXES TO INDICATE YOUR PROFESSIONAL STATUS:

<input type="checkbox"/> General brewery / making manager	<input type="checkbox"/> Quality controller	<input type="checkbox"/> Public relations
<input type="checkbox"/> Technical brewery / making manager	<input type="checkbox"/> Consultant / technical adviser	<input type="checkbox"/> Brewing press
<input type="checkbox"/> Technologist / brewer / malster	<input type="checkbox"/> Marketing manager	<input type="checkbox"/> Scientist
<input type="checkbox"/> Laboratory manager	<input type="checkbox"/> Supplier to the brewing industry	<input type="checkbox"/> Other, please specify _____

D. REGISTRATION FEES

	Early Bird Registration before 1 April 2011	Registration 1 April - 12 May 2011	Late Registration after 12 May 2011
Delegates	<input type="checkbox"/> 475,00 €	<input type="checkbox"/> 1 075,00 €	<input type="checkbox"/> 1 185,00 €
Lecturer / Poster Presenter / Appointed session chair	<input type="checkbox"/> 375,00 €	<input type="checkbox"/> 545,00 €	<input type="checkbox"/> 575,00 €
Student* Delegate	<input type="checkbox"/> 325,00 €	<input type="checkbox"/> 545,00 €	<input type="checkbox"/> 575,00 €
Student* Lecturer/Poster	<input type="checkbox"/> 144,50 €	<input type="checkbox"/> 144,50 €	<input type="checkbox"/> 171,25 €
Corporate Ticket**	<input type="checkbox"/> 780,00 €	<input type="checkbox"/> 874,00 €	<input type="checkbox"/> 944,00 €
Retired Professionals***	<input type="checkbox"/> 325,00 €	<input type="checkbox"/> 348,00 €	<input type="checkbox"/> 375,00 €
Day-tickets <input type="checkbox"/> Mon <input type="checkbox"/> Tue <input type="checkbox"/> Wed	<input type="checkbox"/> 480,00 €	<input type="checkbox"/> 480,00 €	<input type="checkbox"/> 480,00 €
Partner	<input type="checkbox"/> 250,00 €	<input type="checkbox"/> 250,00 €	<input type="checkbox"/> 250,00 €

- * Proof of registration at a tertiary institution of higher learning (university/college) must be furnished upon registration via fax (+49 40 32 50 12 42) or Email (abc@interplan.de).
- ** For group registrations from one company 2 or more **full-paying** delegates registering together at the same hotel a discount of 20% compared to the delegate fee applies.
- *** This registration option is only open to long-time retired professionals (year of birth preceding 1950) who are either self-employed and active in the brewing or malting sector on a voluntary basis. A note of motivation should be furnished by the applicant upon registration via fax (+49 40 32 50 12 42) or Email (abc@interplan.de).

E. TECHNICAL TOURS

All tours are taking place on 24 May 2011, Start: Scottish Exhibition & Conference Centre (SECC). Further details can be found in the Provisional Programme on page 11 and on the congress website.

	Price per person	No. of tickets	Total amount in EUR
Tour 1: S&W - The Scotch Whisky Research Institute and GB&W - International Centre for Brewing and Distilling	52,00 €		
Tour 2: Carlsberg Brewery	55,00 €		
Tour 3: Tennent's Whisky, Brewery and W&M Brewery	55,00 €		
Tour 4: Tennent's Whisky Brewery	25,00 €		
Tour 5: Isle of Arran Distillery and Arden Brewery	75,00 €		
Tour 6: Lager Production	25,00 €		
Tour 7: Arden's Maltings - (24th May 11)	40,00 €		
Tour 8: ICRI - Scottish Cereal Research Institute (after 01 April, James Watson Institute)	75,00 €		
Total € =			



Receipt of cancellation **by 15 March 2011**: Refund of 100 % of the registration fee minus an administrative fee of EUR 50,00.

Receipt of cancellation **by 15 April 2011**: Refund of 50 % of the registration fee.

Receipt of cancellation **after 15 April 2011**: No refund. For organisational reasons, refunds can only be granted up to **15 April 2011**. Thereafter, reimbursements are possible only after the conference. Any bank charges shall be covered by the participants.

HOTEL RESERVATION (DEADLINE 15 APRIL 2011)

Hotel rooms can only be reserved upon receipt of credit card details as guarantee. If the desired hotel is fully booked, INTERPLAN reserves the right to arrange accommodation in a different hotel.

For reservations with credit card details received later than the mentioned date above, all necessary efforts to procure a hotel room for you will be done. Please be aware that a guarantee for your hotel preference and /or the rates indicated cannot be given by INTERPLAN.

Any hotel expenses are to be paid directly at the hotel by the guests themselves. (Exception: Crowne Plaza, Menzies Glasgow Hotel will charge at least part of the accommodation costs to the given credit card about two weeks in advance of arrival.)

CANCELLATION OF HOTEL RESERVATIONS

Changes in reservations and cancellations must be reported in writing to INTERPLAN and NOT to the hotel. Upon receipt of the reservation confirmation, the guest automatically becomes the legally binding contract partner of the hotel. INTERPLAN acts exclusively as an agent for hotel reservations. If the guest cancels a reservation prior to **21 March 2011 (Exception: Mint Hotel Glasgow - prior to 22 February 2011)** a cancellation fee of **EUR 20,00** (incl. 19% VAT) per room reservation will be charged by INTERPLAN; any bank charges that may arise as a result of such a cancellation will be covered by the guest him- /herself. After that date, INTERPLAN and the hotel certainly try to resell cancelled rooms but if this is not possible the cancellation fee of the hotel (up to 100 % of the room rate) will be charged to you/ your company in addition to the cancellation fee of INTERPLAN (**EUR 20,00**) and the given credit card may be charged directly by the hotel. Please also be aware that in case of a later arrival or an earlier departure (i.e. lost room nights) some hotels will charge for the total number of nights booked, if the nights cannot be resold.

Organizer



INTERPLAN

Congress, Meeting & Eventmanagement AG
Office Hamburg
Kaiser-Wilhelm-Straße 93
20355 Hamburg, Germany
Tel: +49 - 40 - 3250 9230
Fax: +49 - 40 - 3250 9244
Email: ebc@interplan.de

Scientific & Technical Secretariat



EBC

The Brewers of Europe
Rue Caroly 23-25
1050 Brussels,
Belgium
Tel: +32 - 2 - 5511 810
Fax: +32 - 2 - 6609 402
Email: info@europeanbreweryconvention.org

Hosting Organization



British Beer & Pub Association

Market Towers
1 Nine Elms Lane
London SW8 5NQ
United Kingdom
Tel: +44 - 20 - 7627 9191
Fax: +44 - 20 - 7627 9123
Email: enquiries@beerandpub.com