



VLB
BERLIN

Versuchs- und Lehranstalt für Brauerei in Berlin (VLB) e.V.

13 TO 15 OCTOBER 2019, BERLIN, GERMANY

106th VLB October Convention

International Congress for the Brewing and Beverage Industry

Program:

Technical Session

48th International Malting Barley Seminar

Languages: German and English

SUPPORTED BY



www.vlb-berlin.org/en/oct2019

 VENUE: HOTEL BERLIN, BERLIN, LÜTZOWPLATZ 17, 10785 BERLIN, GERMANY



TECHNICAL SESSION

SUNDAY, 13 OCTOBER 2019

18:00 to 23:30 Get-together for all participants
Lobby of the convention hotel

MONDAY, 14 OCTOBER 2019

8:30 to 13:00 **Meeting of VLB's Technical Scientific Committee (TSC)**
(Members only)

13:00 to 14:00 Lunch break and exhibition

14:00 Start Technical Session

GROWTH SEGMENT OF NON-ALCOHOLIC BEERS: PRODUCTION PROCESS, OPTIMIZATION, OUTLOOK

Chair Dr. Stefan Kreis (Erdinger Weissbräu)

14:00 **Welcome and introduction**

14:05 **Modern technologies and processes for the production of non-alcoholic beers – an overview***
Dr. Roland Pahl (VLB Berlin)

14:40 **De-alcoholization of beer with the new GEA AromaPlus technology***
Dr. Rudolf Michel / Ralf Scheibner (GEA)

15:15 **Application of single-pass low-temperature technology for the production of non-alcoholic beers**
Juan Jurado (Alfa Laval)

15:50 Break and exhibition

16:15 **Experience with the spinning cone technology for the production of non-alcoholic beers***
Ralf Krieger (Badische Staatsbrauerei Rothaus)

16:50 **Chemical and sensory characterization of commercial non-alcoholic beer***
Dr. Nils Rettberg (VLB Berlin)

TECHNICAL SESSION

+ Growth segment of non-alcoholic beers:
production process, optimization, outlook

GENERAL MEETING VLB BERLIN

WELCOME PARTY

+ Brauhaus Lemke am Alexanderplatz
Karl-Liebknecht-Str. 13, 10178 Berlin

17:25 **Nutritional aspects of non-alcoholic beers and acid fermented drinks***
Prof. Dr. med. Andreas Pfeiffer (Charité Berlin und
Deutsches Institut für Ernährungsforschung)

18:00 to 19:00 Break and exhibition

18:15 bis 19:15 **General Meeting of Versuchs- und Lehranstalt für Brauerei in Berlin (VLB) e.V.**
Hotel Berlin

from 19:00 Bus transfer to Brauhaus Lemke am
Alexanderplatz

EVENING PROGRAM MONDAY

19:30 to 0:00 **Welcome Party**
Brauhaus Lemke am Alexanderplatz

from 22:30 Bus transfer back to Hotel Berlin

* PRESENTATION IN GERMAN – SIMULTANEOUS TRANSLATION WILL BE PROVIDED

GENERAL INFORMATION

The 106th VLB October Convention takes place at the Hotel Berlin, Berlin, Lützowplatz 17, 10785 Berlin, Germany. www.hotel-berlin.de

Presentation language is mainly German. A simultaneous translation German-English will be provided. In addition, English handouts are available.

Attendance fees	Breweries, Bottlers,	
	Maltings	other
Full congress ticket	940* €	1350* €
Day ticket Tuesday	600* €	990* €
Day ticket Wednesday	600* €	990* €
Malting Barley Seminar	350* €	490* €

* all prices plus German VAT / 25 % discount for VLB members

We have reserved a contingent of rooms under the reference "VLB" in the hotels which are in walking distance to the conference venue. www.vlb-berlin.org/en/oct2019



TECHNICAL SESSION

TUESDAY, 15 OCTOBER 2019

NEW TRENDS IN TECHNOLOGY – ALSO FOR THE BREWING INDUSTRY?!

Chair	Dr. Roland Pahl (VLB Berlin)
8:30	Welcome and introduction
8:40	Application of modern technologies to increase energy efficiency – potential for breweries* <i>Prof. Dr. Frank Behrendt (TU Berlin, Fachgebiet Umwandlungstechniken regenerativer Energien)</i>
9:15	The concept „drinkability“ – more than just tasting* <i>Sebastian Oudes (Krones AG) und Ralf Schmalenbeck (Coca Cola Erfrischungsgetränke AG)</i>
9:45	Block chain technology in the brewing industry – an estimation* <i>Dr. Ralph Tröger (GS1 Germany)</i>
10:20	<i>Break and exhibition</i>

NEWS FROM VLB RESEARCH PROJECTS

Chair	Gerhard Andreas Schreiber (VLB Berlin)
11:00	The research activities of the VLB Berlin – an overview* <i>Gerhard Andreas Schreiber</i>
11:10	Project "Continuous fermentation using membrane technology"* <i>Burghard Meyer (FIBGP)</i>
11:30	Flavor changes in hoppy ales* <i>Christian Schubert (FIBGA)</i>
11:50	Deep diving into beer chemistry – Application of HR-MS in practical brewing research <i>Laura Knoke (FIBGA)</i>
12:10	Quantification of gentle conveyance properties of centrifugal pumps <i>Philipp Zeuschner (FIBGP)</i>
12:30	Efficiently enhancing productivity – new approaches for high gravity brewing <i>Maximilian Schmach (FIBW)</i>
12:50	Sour fermented alcohol-free beverages – setting new standards <i>Stefanie Malchow (FIBW)</i>
13:10	<i>Lunch break and exhibition</i>

TECHNICAL SESSION

- + News from VLB research projects
- + Optimization potential in the beverage supply chain

48TH INTERNATIONAL MALTING BARLEY SEMINAR

MALTING BARLEY SEMINAR

Chair	Henrike Vorwerk (VLB Berlin)
14:00	Welcome and introduction
14:10	Current developments of the national and international malting barley market after the harvest 2019* <i>Matthias Wree (Evergrain GmbH)</i>
14:45	Plant breeding vs. climate change: Who is faster?* <i>Dr. Claus Einfeldt (Ackermann Saatzucht)</i>
15:20	Influence of the protein content on nitrogen fertilization – findings from multi-year cultivation trials* <i>Dr. Martin Kücke (Julius-Kühn Institut)</i>
16:00	<i>Break and exhibition</i>
16:45	Industry-wide conversion of malt analysis to Isothermal 65 °C Mash* <i>Henrike Vorwerk (VLB Berlin)</i>
17:20	Formation of malt aroma components and their influence by technological parameters* <i>Michael Féchir (Hochschule Trier)</i>
ca. 17:55	<i>Closing words</i>
following	<i>Farewell in the convention hotel</i>
21:00	<i>End of convention</i>

* PRESENTATION IN GERMAN – SIMULTANEOUS TRANSLATION WILL BE PROVIDED



www.vlb-berlin.org/en/oct2019

REGISTRATION

106th VLB October Convention
13 to 15 October 2019, Berlin, Germany

Versuchs- und Lehranstalt
für Brauerei in Berlin (VLB) e.V.
Veranstaltungsorganisation
Seestraße 13 / D-13353 Berlin

FAX: +49 30/450 80-210 or +49 30/453 60 69

ONLINE REGISTRATION: www.vlb-berlin.org/en/oct2019

I would hereby like to submit my binding registration:

- | | |
|--|--|
| <input type="checkbox"/> Congress ticket (940* € / 1350** €)
<input type="checkbox"/> I attend also to the Malting Barley Seminar*** | <input type="checkbox"/> Dayticket Monday
(600* € / 990** €) |
| <input type="checkbox"/> Dayticket Tuesday (600* € / 990** €)
<input type="checkbox"/> I attend also to the Malting Barley Seminar*** | <input type="checkbox"/> Malting Barley Seminar only
(350* € / 490** €) |

* Brewery, bottler or malthouse employee
** all others

*** the Malting Barley Seminar is included
in this ticket

All prices plus German VAT / 25 % discount for VLB members

TYPE OF PARTICIPANT

- Brewery, bottler or malthouse employee others

CERTIFICATE OF ATTENDANCE*

- I need a certificate of attendance no

* The VLB Berlin is an accredited body according to the Accreditation and Licensing Ordinance Employment Promotion (AZAV). Participation is recognized as a training or further education measure.

BY-PROGRAMM

Sunday, 13 October 2019

- Get-together in the Hotel Berlin (from 18:00)

Monday, 14 October 2019

- Welcome party in Brauhaus Lemke am Alex (19:30 to 0:00)

Tuesday, 16 October 2019

- Farewell in the Hotel Berlin (18:00 to 21:00)

Name, First name, Title

Company

VAT no.

Street

ZIP, City, Country

Email

Phone

Fax

Invoice to

- the address given above
 separate invoice address

VLB member

- yes
 no

Method of payment

- Invoice and bank transfer

- Mastercard Visa Amex

Card owner

Valid until

Card number

Card ID no

Date, signature, stamp

CANCELLATION POLICY: For cancellations a service charge of 50 € plus VAT applies in general. Cancellations after September 20, 2019 are not subject to refund, but the ticket can be transferred to another person at any time.

Please fill out a separate form for each participant.
This registration does not include accommodation.