



# 12<sup>TH</sup>



## Programme

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Mon Mar 2		
09:00 - 10:30 SESSION I		
09:00	Welcome and Convention opening	James van der Watt IBD Africa Chairman
09:05	IBD Update	Alastair Kennedy IBD Deputy President
09:30	Keynote Speaker	Prof Wangari Maathai - Green Belt Movement International (By DVD)
10:00	What should sustainable development mean for business in challenging times?	Andy Wales SABMiller
10:45 Tea/Coffee - Exhibition Hall : Sentinel		
11:15 - 12:15 SESSION II		
Horace Brown Award Chairperson: Prof Charlie Bamforth University of Davis, California		
11:15	40 years of brewing research	Prof Graham Stewart – ICBD
12:15	Poster Session and Supplier Exhibition opened by Mike Williams, Convention Chairman	
12:30 - 13:30 LUNCH - Exhibition Hall : Sentinel		
13:30 - 17:00 Poster Session and Supplier Exhibition		
13:30 - 16:00 IBD Africa Section Committee Meeting		
16:00 - 17:00 IBD Africa Section AGM		



## Tues Mar 3

09:00 - 10:30  
SESSION III

**Sustainability I**  
Chairperson : Peter Cege  
East Africa Breweries Ltd

09:00

**Environmental  
sustainability journey**

**Kamesh Ramharakh**  
Simba Pty (Ltd)  
(PepsiCo International)

09:30

**Sustainability at Sierra  
Nevada**

**Brian Grossman**  
Sierra Nevada Co

10:00

**Sustainable business -  
making policy a reality  
in Africa: developing our  
communities and respecting  
the environment**

**Gareth Collins**  
Diageo

10:30

**Tea/Coffee - Exhibition Hall : Sentinel**

11:00 - 12:30  
SESSION IV

**Sustainability II**  
John Cluett - SABMiller

11:00

**Attracting funds with  
alcohol production in  
emerging economies**

**Mike Spandern**  
Spandern Agribusiness  
Consulting

11:30

**Sustainable developments  
for the brewing industry**

**Prof Richard  
Sharpe – BRI**

12:00

**Innovation a key to  
sustainability**

**Prof Aart Boessenkool**  
University of  
Johannesburg

12:30 - 13:30

**LUNCH - Exhibition Hall : Sentinel**

13:30 - 15:00  
SESSION V

**Sustainability III**  
Prof Graham Stewart - ICBD

13:30

**A new process for the  
conversion of Spent  
Grain to Ethanol**

**Dr John Andrews**  
Briggs of Burton PLC

14:00

**Towards super-tolerant  
yeasts for bioethanol  
fermentations**

**Prof Katherine  
Smart – University of  
Nottingham**

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## Tues Mar 3 (Cont'd)

14.30

Shades of green, levels of sustainability in brewery design

**Floris Delée**  
Kathinka Engineering  
BVBA

15:00

Tea/Coffee - Exhibition Hall : Sentinel

15:30 - 17:00

### Sustainability IV

SESSION VI

Andy Wales - SABMiller

15:30

Kimberley's pink gems: Africa's fourth breeding site for lesser flamingos

**Mark Anderson**  
Birdlife SA

16:00

The politics of sustainability

**Dr Ina Verstl**  
Brauwelt

16:30

#### The reality of sustainable development

Gareth Collins, Dr Ina Verstl, Dr John Andrews, Maurice Egan, Mark Anderson

**Panel Discussion**

## Wed Mar 4

09:00 - 10:30

### Waste, Water and Energy I

SESSION VII

Chairperson : Jules Gazet - WSP Group

09:00

Carbon emissions, energy, water and malt

**Gary Hughes**  
Joe White Maltings

09:30

Water recovery for reuse – a case study

**Dr Bernard Talbot**  
Talbot & Talbot

10:00

Optimised water and energy management in the brewery – possibilities and borders

**Christoph Kunzmann**  
VLB Berlin

10:30

Tea/Coffee - Exhibition Hall : Sentinel

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### Wed Mar 4 (Cont'd)

11:00 - 12:30  
SESSION VIII  
**Waste, Water and Energy II**  
Chairperson : David Meads - Lion-Nathan

11:00  
**Waste recycling concepts in the brewing and food industry**  
**Dr Jens Voigt**  
Weihenstephan University

11:30  
**Beer, fish and chips? An integrated and sustainable approach to handling ...**  
**Maurice Egan**  
SABMiller

12:00  
**Brewery waste streams energy management**  
**Jules Gazet**  
WSP Group

12:30  
**LUNCH - Exhibition Hall : Sentinel**

13:30 - 15:00  
SESSION IX  
**Raw Materials I**  
Chairperson : Dr Idelet Meijering – SAB Maltings

13:30  
**Developments in Africa's cereal crops – potential sustainable resources for brewing in tropical and sub-tropical countries**  
**Prof John Taylor**  
University of Pretoria

14:00  
**Enzyme solutions to support sustainable brewing and distilling**  
**Elmar Janser**  
Novozymes

14:30  
**Novel malt-based beverages**  
**Moritz Krahl**  
University of Weihenstephan

15:00  
**TEA/Coffee - Exhibition Hall : Sentinel**

15:30 - 17:00  
SESSION X  
**Raw Materials II**  
Chairperson: Tim Stonehouse - Muntons

15:30  
**Some potential applications for brewers spent grains the protein-rich co-product, from sorghum lager beer brewing**  
**Dr Janet Taylor**  
University of Pretoria



**Wed Mar 4 (Cont'd)**

16:00	Supporting a sustainable industry with advanced barley breeding and production	<b>Francois Potgieter</b> SAB Barley Breeding Institute
16:30	Brewing beer and environmental law in context	<b>Jeremy Ridl</b> CSR

**Thu Mar 5**

**09:00 - 10:30 SESSION XI**      **Brewing Technology I**  
Chairperson : Dr Bill Simpson - FlavorActiv

09:00	Symbol and driver of Technological Progress	<b>Cornelia Stumpe</b> Krones <b>presented by</b> <b>Torben Boesch</b>
09:30	Sustainability: a major aspect in brewery design - engineering and design for the next level	<b>Dr Rudi Michel</b> GEA Brewery Systems GmbH
10:00	Pre-coat filtration with a new, regenerable Filter Aid	<b>Friedrich Ferstl</b> Filtrox AG

**10:45**      **Tea/Coffee - Exhibition Hall : Sentinel**

**11:00 - 12:30 SESSION XII**      **Brewing Technology II**  
Chairperson : Mike Williams - Ziemann

11:00	First industrial results of continuous wort production	<b>Claude Bauduin</b> Meura SA
11:30	Beer stabilisation in combination with crossflow filtration	<b>Axel P Jany</b> Albert Handtmann Armaturefabrik GmbH
12:00	<b>Brewery of the future</b> David Meads, John Richardson, Floris Delée, Dr Rudi Michel	<b>Panel Discussion</b>

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### Thu Mar 5 (Cont'd)

12:30 LUNCH - Exhibition Hall : Sentinel

13:30 - 15:00 **Packaging**  
SESSION XIII Chairperson : Gavin Duffy - SABMiller

13:30	Quality packaging practices – focus on hygienic design and microbiological conditions	<b>Roland Folz</b> VLB Berlin
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14:00	Disposable kegs as a new way for draft beer export	<b>Johannes Tippmann</b> University of Weihenstephan
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14:30	Collect-A-Can, a sustainable recycling programme that facilitates environmental protection, poverty alleviation and enterprise development	<b>Funani Mojono</b> Collect-A-Can
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15:00 Tea/Coffee - Exhibition Hall : Sentinel

15:30 - 17:00 **General Brewing**  
SESSION XIV Chairperson : Alastair Kennedy - SABMiller

15:30	The flavour consequences of good intentions - common beer flavour problems arising from sustainability initiatives and how to avoid them	<b>Dr Bill Simpson</b> Cara Technology
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16:00	Beer and the quality of life	<b>Prof Charles Bamforth</b> University of California
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16:30	<b>Technical Programme Summary</b>	<b>Alastair Kenney</b> Vice-President IBD
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16:45	<b>Closure of Technical Programme</b>	<b>Peter Ward</b> President IBD
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