

Annual conference on malting and brewing



Friday December 2th 2016

Organized by the alumni association "Koninklijke Oud-Studentenbond Fermentatio vzw"

Rates

Member	€ 60
Non-member	€ 80
Pensioner/applicant/young alumni Association University Ghent (2013-2016)	€ 45
Lectures without lunch	€ 50

Program

The lectures will be presented in the language in which they are described in the program.

08.30 Welcome

Marc Strubbe

09.00 Toepassing van de Meura2001 maische filtratietechnologie voor speciaalbier productie

Jeroen Vandenbussche, Meura

De Meura2001 werd 25 jaar geleden geïntroduceerd en heeft duidelijke voordelen voor speciaal bier productie. Er zijn 4 Meura2001-modellen; de Micro (tot 500 kg storting), Craft Junior (tot 2 t), Junior (tot 4 t) en Senior (vanaf 3 t).

09.30 Effect of cysteine and transition metals on the oxidation of dimethyl sulfide

Matthias Baldus, TUBerlin

The actual formation of DMSO in malt is not yet understood. In this study the effect of the thiol L-cysteine (Cys) in combination with molecular oxygen, transition metal ions and EDTA was tested on its role in DMS oxidation.

10.05 "The beer yeasts of tomorrow"

Kevin Verstrepen, KUL

High-throughput genomics, robotics and nanotechnology allow characterisation of all existing beer yeasts, as well as breeding of novel superior variants that combine desirable properties from existing strains.

10.40 Pauze

11.45 Advanced yeast hunting

Mathias Hutzler, Technische Universität München

The development of diverse beer styles demands new *Saccharomyces* and Non-*Saccharomyces* strains that contribute significantly to individual beer flavor. This presentation discusses advanced methods and results for yeast discovery in environmental hot spots and old brewing cellars.

12.20 Advanced oxidation process for iron and manganese removal in water

Joerg Schwerdt, Air Liquide

Good water quality, as main flavor carrier, is essential in the brewing process. Besides hardness, manganese residuals influence the quality. A safe and extensive water pretreatment can be performed by technical oxygen application.

12.50 Veredeling en teelttechniek van brouwersgerst

Geert Haesaert, Universiteit Gent en Hogeschool Gent

Hoe worden gerstrassen vandaag de dag gemaakt, wat is het verschil tussen gangbare en biologische teelt van brouwersgerst en wat doen we met de schimmelziekten?

Gerstschimmels en hun mycotoxinen in de bierproductie

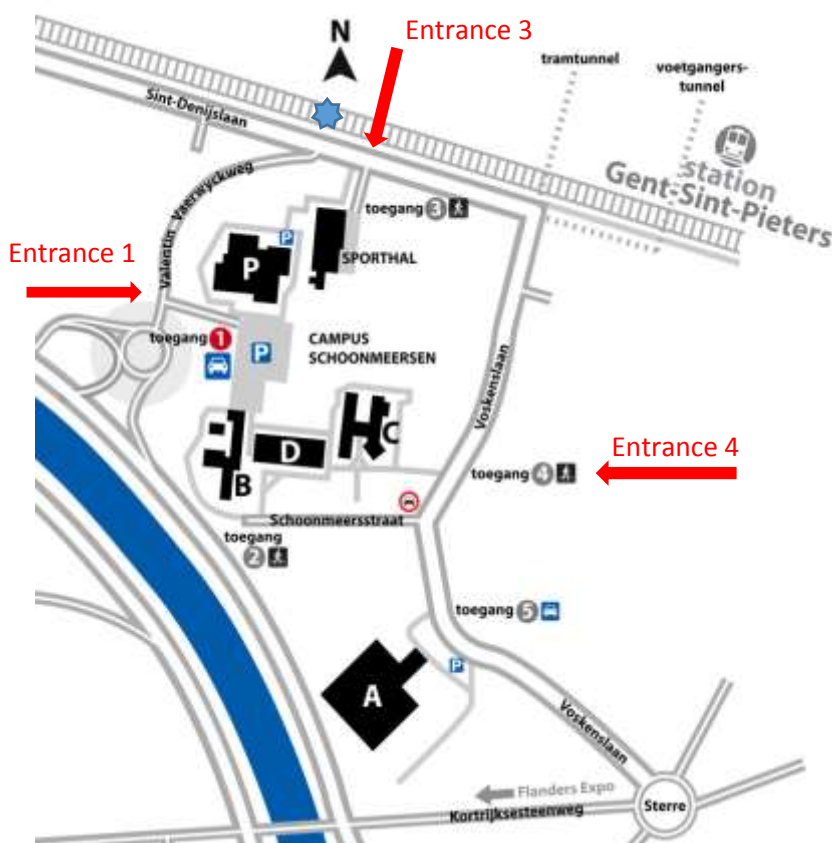
Anneleen Decloedt, Hogeschool Gent en Universiteit Gent

Gerstschimmels en hun mycotoxinen kunnen wijzigingen ondergaan tijdens het mouten en het brouwen. Wat betekent dit voor het finale bier?

13.25 Bekendmaking winnaars 'Brouwquiz'

13.45 Netwerklunch in 'De Foyer'

Travel plan



By public transportation

From the railway station Gent-Sint-Pieters, it is only a 5 minute walk. Or you can take tram 1 to 'Flanders Expo'. The first stop 'HoGent' gets you to Entrance 4 on Campus Schoonmeersen.

By car from E40

Take exit 14 (R4 - Expo) on the E40 and proceed to the next roundabout where you take exit 'Zelzate'. On the bridge over the water stay on the left side. At the next roundabout follow direction 'HoGent Schoonmeersen'. At the next traffic light you enter the campus Schoonmeersen by Entrance 1.

The available parking lots within close proximity of the venue (max. 10 min. walk) are:

Above-ground parking lots via Entrance 1: *Valentin Vaerwyckweg 1*

Parking lots under the gym via Entrance 3: *Sint-Denijslaan 251*

Public parking lots 'Gent-Sint-Pieters': *Sint-Denijslaan* 