

Biofuels – Production and Purification

-Session on combined event

NBV werkgroependag

KNCV voorjaarsbijeenkomst

NBV's Working Party Downstream Processing
(*Reinoud Noordman, Heineken*) &

Nederlandse Procestecnologen (NPT)
(*Martin Timmer, ETD&C bv*)

Ede, 16 April 2009

NBV Working Party Downstream Processing

- NBV is organised in several working parties on specific topics (e.g. Bioreactors, Molecular Genetics, Cell Cultivation, Downstream Processing)
- The working party on Downstream Processing is focused on isolation and purification of natural and biotechnological products.
- Organising committee members:
 - Emile van de Sandt (DSM)
 - Marc Bisschops (Xendo)
 - Marcel Ottens (University of Delft)
 - Jeroen den Hollander (DSM)
 - Michel Eppink (Synthon)
 - Reinoud Noordman (Heineken)

Activities Working Party DSP

Organisation of Symposia, Lectures and other Events:

➤ Minisymposia:

- Process Chromatography (2004, 2008)
- Membrane technology (2004, 2008, with NMG)
- In-situ product removal (2005)
- High Throughput experimentation (2005)
- Biomass separation (2006)
- Sector themes: dairy (2006), brewing (2007)

➤ Participation in organisation of (Inter)national congresses
(NBC-10, ESBES-4, BPP2005, EFB-DSP 2007)

For more info, please visit our web-site: www.nbv-pz.nl



NPT (Dutch Association of Chemical Engineers)

- Largest representation of Dutch Chemical Engineers
- Association of KNCV and KIVI NIRIA sections Process Technology
- Member of European Federation of Chemical Engineering (EFCE)
- Objectives:
 - Increase knowledge and application of Process Technology
 - Stimulate contacts between Chemical Engineers in the Netherlands and abroad
 - Improve the quality of knowledge and education
- More information: www.npt.nl



NPT-Activities

- Main annual events:
Dutch Process Technology Symposium (NPS), October
KNCV Spring conference
- Workshops and minisymposia
- Excursions
- Magazine (NPT Procestechnologie) and newsletter

npt

Nederlandse
Biotechnologische
Vereniging

FOKKE & SUKKE

HADDEN DE EERSTE HOOPDREWEL ER SNEL INZITTEN

BIO-ENERGIE GAAT
NOOOOIT VERLOREN!

KNOOP DAT IN JE
OREN, VAN ACHTEREN
EN VAN VOREN!



RGTV

npt

Nederlandse
Biotechnologische
Vereniging



Programme of this session

10:45 Conceptual design of biobutanol production processes.
Arjan Oudshoorn (TU Delft)

11:10 Absolutation of (Bio-)ethanol. *Jos Goorden (Nedcalco)*

11:35 Production and purification of biodiesel and valorization of byproducts. *Marc Hermus (Biopetrol Rotterdam B.V.)*

12:00 Lunch

