



# 7th International AGQM Conference

FAME – Renewable Fuel and Chemical Building Block

6<sup>th</sup> – 7<sup>th</sup> November 2014



[www.agqm-biodiesel.de](http://www.agqm-biodiesel.de)

**Haus der Land- und Ernährungswirtschaft**

Claire-Waldoff-Str. 7 · 10117 Berlin

# Programme Thursday 6<sup>th</sup> November

- 09:00 – 10:00 Registration
- 10:15 – 10:30 Welcome  
Dr. Jürgen Fischer (Chairman, AGQM e.V.)

## European Biodiesel market Political Framework

Session Chair: Dr. Michael Seiffert  
(DBFZ Deutsches Biomasseforschungszentrum gemeinnützige GmbH)

- 10:30 – 11:00 General outlook for the EU biodiesel market and the global context  
Rohaise Low (LMC International Ltd.)
- 11:00 – 11:30 Change in the biofuel sector  
Karin Naumann (Deutsches Biomasseforschungszentrum, DBFZ)
- 11:30 – 12:00 From energy quota to a greenhouse gas emission reduction quota –  
current german legislation  
tbn
- 12:00 – 12:30 Dutch biofuel policy and longterm fuelmix strategy in transport  
Thorsten Wege (Ministry of Infrastructure and the Environment (NL))
- 12:30 – 13:30 Lunch

## Sustainability and Greenhouse Gas Reduction

Session Chair: Dr. Jens Haupt (ChemCert Limited)

- 13:30 – 14:00 Position of the Biofuel Industry  
Elmar Baumann (Association of the German Biofuel Industry e.V.)
- 14:00 – 14:30 Actual GHG Calculations in the ISCC System  
Dr. Norbert Schmitz (ISCC)
- 14:30 – 15:00 Sustainable palm oil as biofuel  
Dr. Inke van der Sluijs (Roundtable on Sustainable Palm Oil, (NL))
- 15:00 - 15:30 Coffee Break

## Engine Technology and Fuel Quality

Session Chair: Dr. Wolfgang Podestà, LANXESS Deutschland GmbH

- 15:30 – 16:00 E4Tec Auto-Fuel-Study and the Volkswagen Powertrain and fuel strategy  
Dr. Stefan Schmerbeck (Volkswagen AG)
- 16:00 – 16:30 Plant Oils: The perfect renewable resource for polymer science?  
Prof. Dr. Michael Meier (Karlsruher Institut für Technologie, KIT)
- 16:30 – 17:00 In-situ measurement of oxidation products from aged biodiesel blends by  
means of dielectric- and fluorescence spectroscopy  
Dipl.-Ing. Mustafa Eskiner (Technologietransferzentrum Automotive Coburg  
(TAC))
- 17:00 – 17:30 Discussion/Summary
- 19:00 Dinner

# Programme Friday 7<sup>th</sup> November

## R&D Projects

### Motor Technology and Fuel Quality

Session Chair: Joachim Lemp (VERBIO Diesel Bitterfeld GmbH & Co. KG)

- 09:00 – 09:30** Development of a laboratory test method to evaluate the biodiesel compatibility of lubricating oils  
Dr. rer. nat. Ulrike Schümann (University of Rostock)
- 09:30 – 10:00** Influence of various heating oil qualities on the long term stability of liquid fuels with biogenic content  
Simon Eiden ( Oel- Waerme-Institut, OWI)
- 10:00 -10:15** Coffee Break

## FAME – innovative production methods, process technology and products

Session Chair: Prof. Dr. Jürgen Krahl (Coburg University of Applied Science and Arts)

- 10:15 - 10:45** Separation of minor components from oilseeds by specific polymeric adsorbers  
Dr. Achim Weber (Fraunhofer Institut)
- 10:45 – 11:15** A new immobilized lipase for industrial production of biodiesel fuel  
Dr. Sobhi Basheer (TransBiodiesel Ltd.)
- 11:15 – 11:45** Aging Products of bioblends  
Prof. Jan Anderson (University of Muenster)
- 11:45 – 12:15** Using QTA® to Ensure High Quality Biodiesel production  
Dr. Michael Kühnel (Eurofins GfA Lab Service GmbH)
- 12:15 – 13:15** Lunch
- 13:15 – 13:45** Conversion of Fatty acids by Electrolysis and by Dehydrogenation to Alkynic Fatty Acids  
Prof. Dr. Hans J. Schäfer (University of Muenster)
- 13:45 – 14:15** Alternative Diesel fuels from metathesis of methyle oleate and alkenes  
Daniel Riemer (Leibniz Institute für Katalyse – LIKAT)
- 14:15 – 14:45** Biodiesel synthesis and glycerol valorisation using advanced (catalytic) technology  
Prof. H. J. Heeres, University of Groningen
- 14:45** Discussion/Summary