

Gas Analysis Workshop 2016 Amsterdam

International workshop

June 10th 2016

(with evening get-together on June 9th, meeting at 18:00 h)

supported by:



Venue:

ECN Amsterdam Office

Radarport building

Radarweg 60

1043 NT Amsterdam

<https://www.ecn.nl/about-ecn/contact/routebeschrijving-amsterdam/>

Contact and registration

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updated information: www.gas-analysis-webinars.org

Thursday June 9th, 18:00 - 22:00 h

Time	Topic	Venue
18:00 – 22:00	Dinner at own cost	Restaurant Stork

Friday June 10th, 08:30 - 16:30 h

Time	Topic of discussion	Moderator	Web
08:00 - 08:30	Registration		-
08:30 – 08:45	Welcome and introduction to workshop, working group and framework conditions	Y. Neubauer	x
08:45 – 08:55	EERA Bioenergy, ECN, Biosweet – Welcome and backgrounds of the workshop supporters and host organization of the meeting G. Aranda Almansa - Welcome from ECN S. Biollaz, Welcome from EERA Bioenergy and from Biosweet	Y. Neubauer	

Time	Topic of discussion	Moderator	Web
08.55 – 09:15	Needs and challenges for gas analysis from industrial and scientific perspective: technical and non-technical issues	S. Biollaz	x
09:15 – 09:45	Coffee break		-
09:45 – 11:30	<p>BTX & PAH measurement: Updates on off-line and on-line approaches for research and industrial application (60 min presentation / 15-20min short presentations, 20 min discussion)</p> <p>M. Pomeroy NREL, MBMS Application in Gasification and Pyrolysis</p> <p>S. Biollaz PSI, UV-Vis Spectroscopy for On-line BTX & PAH measurement</p> <p>open session (short inputs from workshop participants):</p> <ul style="list-style-type: none"> – A. Gredinger Univ Stuttgart, IFK, Recent status on online Tar analyzer – J. Borgmeyer / Y. Neubauer TU Berlin, Fluorescence based PAH sensor with LED – M. Long UC Davis, Tar measurement approaches at different gasifiers @ UC Davis <p>Q+A, Discussion</p>	Y. Neubauer	x
11:30 – 12:30	<p>FTIR measurement: Updates on on-line approaches for research and industrial application</p> <p>Intro followed by open session:</p> <ul style="list-style-type: none"> – S. Biollaz - Introduction – M. Long UC Davis, FTIR application – practical issues <p>Q+A, Discussion</p>	S. Biollaz	x
12:30 – 13:30	Lunch break		-
13:30 – 15:00	<p>Sulphur measurement: Updates on off-line and on-line approaches for research and industrial application</p> <p>S. Biollaz, PSI, Results from webinars regarding sulphur measurements, analogy to Sulphur measurements in biogas applications, next planned steps</p> <p>open session:</p> <ul style="list-style-type: none"> – D. Schweitzer, Univ. Stuttgart wet chemical sampling and analysis – M. Long, UC Davis, GC/SCD <p>Q+A, Discussion</p>	S. Biollaz	x
15:00 – 15:30	Coffee break & individual discussion		-
15:30 – 16:30	<p>Summary of the workshop and next steps</p> <ul style="list-style-type: none"> - financing (sponsoring, EU COST) - next meetings – locations, number of meeting, webinars - State of knowledge, techniques and methods: Wiki 	Y. Neubauer	x
16:30	End of meeting		-

S. Biollaz, Villigen, Switzerland

Y. Neubauer, Berlin, Germany

09.06.2016