



biosweet

Biomass for Swiss Energy Future
Swiss Competence Center for Energy Research

In cooperation with the CTI



Energy funding programme

Swiss Competence Centers for Energy Research



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Commission for Technology and Innovation CTI

Biomass for Swiss Energy Future Conference 2016

September 7 | 9.30 am – 4.30 pm

Campussaal Kultur + Kongresse, Brugg



Program

- 09.30 Registration and Coffee
- 10.00 Welcome address
O. Kröcher, PSI/EPFL, Head SCCER BIOSWEET

Paving the ground for bioenergy in Switzerland: Synthesis 2014-2016

- 10.15 :: Biogas and Anaerobic Digestion – Visions beyond State of the Art
U. Baier, ZHAW
- :: Towards diesel and jet-fuel production from lignocellulosic biomass through biological and chemical processing
M. Studer, BFH
- :: Pilot-scale demonstration of the hydrothermal gasification of wet biomass
F. Vogel, PSI/FHNW

Poster session

- 11.45 :: Introduction to posters
O. Kröcher, PSI/EPFL, Head of SCCER BIOSWEET
- 12.15 Lunch

Innovations in biomass combustion

- 13.30 :: Biomass combustion: Challenges and contribution to the future energy supply
T. Nussbaumer, HSLU
- :: Potential of decentralised biomass-CHP plants to stabilise the Swiss electricity network with increased fluctuating renewable generation
G. Georges, ETHZ
- 14.30 Coffee break

Challenges in bringing bioenergy technologies to the market

- 15.00 :: Power-to-Gas with Biological Methanation – field report of the first industrial plant in practical use
T. Heller, MicrobEnergy
- :: CTI Start-up & Entrepreneurship training
P. Hassler, CTI Entrepreneurship
- 16.30 End of conference

SCCER BIOSWEET

The Swiss Competence Center for Energy Research - Biomass for Swiss Energy Future (SCCER BIOSWEET) is a consortium of 15 partners from 9 academic institutions and more than 30 cooperation partners from private or public sector organizations. It focuses on the engineering and implementation of biochemical and thermochemical biomass conversion processes with a high level of technological readiness and sustainability.

Scope

- :: Synthesize the SCCER BIOSWEET findings for 2014-2016
- :: Communicate future research activities in the action area biomass
- :: Promote interaction among researchers and cooperation partner
- :: Provide a platform for research and innovation debate

Hosts

Oliver Kröcher
Head of Laboratory for Bioenergy and Catalysis at PSI
Head SCCER BIOSWEET

Frédéric Vogel
Deputy Head of Institute of Biomass and Resource Efficiency at FHNW
Deputy Head SCCER BIOSWEET

Academic Research Partners



ETH zürich

Hes·SO
Haute Ecole Spécialisée
de Suisse occidentale
Fachhochschule Westschweiz
University of Applied Sciences and Arts
Western Switzerland

n|w University of Applied Sciences and Arts
Northwestern Switzerland



SUPSI



Registration

Registration deadline: August 26, 2016

Registration address: ursula.ludgate@psi.ch

Poster Session

Registration deadline: August 26, 2016

Registration address: ursula.ludgate@psi.ch

The academic research partners of the SCCER BIOSWEET will be presenting research highlights of the period 2013-2016. In addition, young researchers and companies are encouraged to display their research activities or profiles in the form of posters. The poster exhibition will be located at the conference venue. Further instructions will be provided upon registration.

Conference Fee

The conference is free of charge.

We look forward to welcoming you!

Conference Venue

[Campussaal Kultur + Kongresse, Bahnhofstrasse 6, 5210 Brugg](#)

Climate-neutral event with myclimate



www.sccer-biosweet.ch