

Aqua feed Workshop

24th–27th March, 2014



Business Unit
Feed & Biomass



Basic Module 1 24th March 2014

- Theory about **Grinding** and **mixing** systems and plants and the corresponding layouts
- Influences to the **grinding process** and particle size distribution chart
- Requirements to a modern mixer, mixing **accuracy** and its influences
- Grinding and mixing **equipment**.

Extrusion Module 2 25th - 27th March 2014

- Introduction to the basics of extrusion technology, focusing on preconditioning, energy, moisture and mass flow balance
- Other subjects upon specific interests
- Discussion of **single v/s twin screw extrusion** technology, screw configuration, die and knife technology
- **SME control and product density control** and its significance in vacuum coating
- **Practical Demonstrations**
All of the theoretical aspects will be demonstrated on many practical examples. The following applications are targeted:
 - Modifications of cereals, proteins etc.
 - Fish feeds (floating, sinking) including vacuum coating, Shrimp feeds and/or feeds for other aquatic species, influence of alternative protein and starch sources etc.
 - Texture of proteins
 - Other subjects upon specific interests

Target group

Operation supervisors, engineering or R&D personnel, etc. i.e. persons, which are actively involved in technological aspects and feasibility considerations of extrusion.

Module 1	Monday 24 th March 2014
Module 2	Tuesday 25 th – Thursday 27 th March 2014
Language	English Assistance in German can be provided.
Number of participants:	Minimum 10, maximum 22 participants
Venue	Extrusion Pilot Plant of Buhler AG, Uzwil, Switzerland
Course fee	Module 1: CHF 400.- Module 2: CHF 3'000.-
Early bird rate	Main Module for registrations before 24th December 2013: CHF 2'750.-

The registration fee includes course documentation, lunches, coffee during breaks, one social evening with dinner. However, accommodation, travelling costs, transportation from airport to hotel etc. are at the participant's expense.

Registration Latest by 24th January 2014.

Please use the following link [REGISTRATION Aqua Feed WS](#)

Application shall only be valid, when full amount of course fee is paid until 24th January.2014 (refer to payment).

Payment Payment due 24th January 2014
In case of withdrawal after registration no course fee will be refunded.

Bank data Bühler AG, Feed & Biomass
UBS AG, CH-8098 Zürich / Switzerland
Account No. 230/266.943.20 R;
IBAN No. CH33 0023 0230 2669 4320 R
Swift/ BIC No. UBSWCHZH80A

Please quote when making payment:
*„Aqua WS / FB 94 343 100 160”,
full name / company*

Accommodation

Hotel Uzwil from 23th resp. 25th March onward has already been reserved. However, after 24.1.2014 no guarantee for availability and prices can be given.

Hotel Uzwil, Bahnhofstrasse 67,9240 Uzwil <http://www.hotel-uzwil.ch>
CHF 145.- per person and night including breakfast.

For any question please contact: zita.eugster@buhlergroup.com

Note: Bühler AG reserves the right to restrict admission.