

Workshop No. 137

Background

Who should attend

Program

Speakers

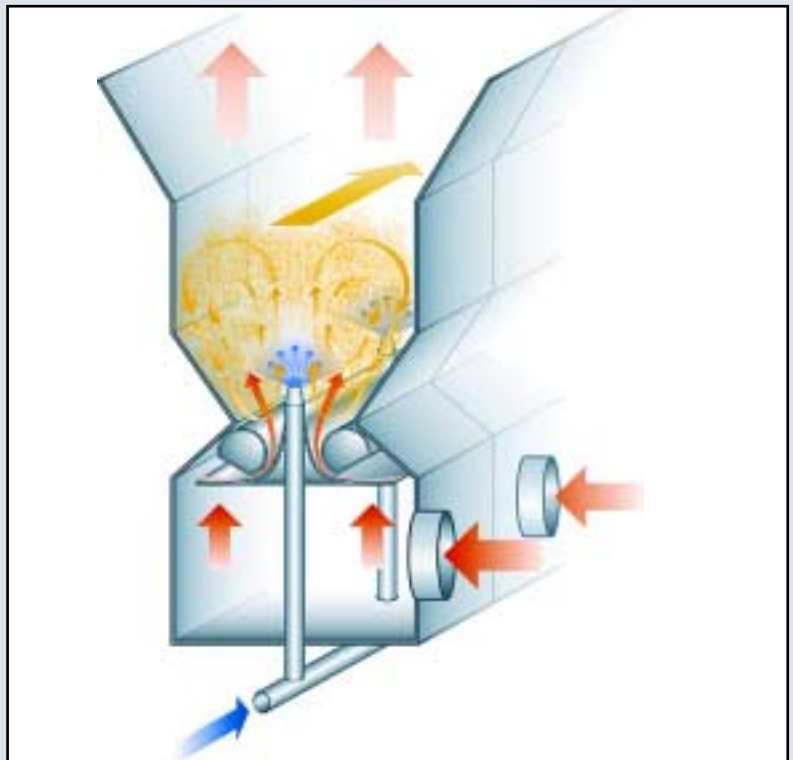
Place of venue

Moderation

Organisation

Workshop No. 137

Continuous Particle Processing



Weimar, 2 - 3 December 2008

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Fluid bed technology has been widely accepted by the food, feed, fine chemical and pharmaceutical industries as an appropriate and very versatile method for drying, granulation, pelletizing and functional film coating.

Originally, these processing options had been used as batch and continuous operations for dryer disperse products. During the past twenty years however, the number of continuous fluid bed systems installed by the above referred to industries has dramatically increased for granulation, pelletizing and coating.

In the beginning continuous systems were preferred whenever large quantities of a product had to be produced, as such allowing for extended production campaigns with the benefit of steady-state process parameters.

Nowadays as 3-shift operation becomes more standard than exception, the distinct advantages of continuous operation also recommend themselves for the production of smaller quantities with downscaled equipment.

New generations of continuous fluid bed systems now enable the processing of hardly fluidizable or sticky products, thus allowing new ideas for the classical batch type fluid bed units.

This workshop provides a technological overview on the continuous particle processing procedures available, illustrates the optional processing choices by industrial case studies and completes the picture by relevant process demonstrations.

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Those working in the previously mentioned industries, interested in improving production yields with respect to quantity and quality.

Anyone involved in batch processing, to verify whether continuous processing may serve their specific product or company better.

Those looking for solutions for difficult or new products.

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Tuesday, 2 December 2008

PROCESS TECHNOLOGY

08.45	<i>LogIN</i>	
09.00	Introduction	Klaus Eichler
09.05	Overview on continuous granulation techniques	Michael Jacob
10.00	Spray granulation, agglomeration and coating in the continuous fluid bed	Sebastian Pfütze
10.45	<i>Coffee break</i>	
11.15	Extrusion, spheronization, drying	Bastian Heinecke
12.00	ProCell application example: Encapsulation	Gudrun Ding
12.45	<i>Lunch</i>	
13.30	Practical work in the Weimar laboratories: <ul style="list-style-type: none"> ● agglomeration tests ● spray coating tests ● pelletizing tests 	
17.30	<i>Return to hotel</i>	
19.00	<i>Workshop Dinner</i>	

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Wednesday, 3 December 2008

CASE STUDIES

09.00	From batch to continuous processing	Christophe Kochian
09.45	Industrial case study	Markus Svensson
10.30	<i>Coffee break</i>	
11.10	Flow simulation for multi-phase system	Stefan Martens
11.45	Hygienic design requirements for safe production	Jürgen Hofmann
12.30	<i>Snack buffet and LogOUT</i>	



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Gudrun Ding

IPC, Germany

Bastian Heinecke

Glatt Systemtechnik, Germany

Dr. Jürgen Hoffmann

EHEDG, Germany

Michael Jacob

Glatt Ingenieurtechnik GmbH, Germany

Christophe Kochian

SBM-Formulations, France

Dr. Stefan Martens

Fluent, Germany

Sebastian Pfütze

Glatt Ingenieurtechnik GmbH, Germany

Markus Svensson

Kemira, Sweden

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Glatt Ingenieurtechnik GmbH

Nordstrasse 12, 99427 Weimar, Germany



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Klaus Eichler

Technology Training Center
Binzen, Germany

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TTC (Technology Training Center)

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Details

- Participation fee is EUR 990,- (exclusive of VAT).
This fee includes participation, accompanying course notes, daytime catering and evening program.
Any other expenses are to be borne by the attendee.
- A limited number of places will be available for reduced or free registrations (students). Please send application as soon as possible.
- Courses taking place in Germany are subject to Value Added Tax (VAT).
- As there are a limited number of places applicants will be accepted on a first come first serve basis.
- Each participant will receive a certificate of attendance at the end of the course.