

Formulation Development of Tablets in Theory and Practice

Characterization of Formulations with Compaction Simulators and Rotary Tablet Presses

12. – 13.10.2017
Leverkusen, Germany

Objectives

This 2-day seminar combines the basics of formulation development with real hands-on sessions in small groups and focuses on a practical approach to characterize formulations properly, both at a rotary tablet press and a compaction simulator. It will deal with the format independent characterization of the mechanical strength of tablets and the standard deviation of tablet weight, being a proper indicator of the flowability of materials. Therefore, all participants will get a profound impression of the benefits and constraints of compaction simulators and the functionality of rotary presses including and their control algorithms. Additionally, excipients for solid dosage development will be introduced, especially with respect to direct tableting. In the practical part, rotary tablet presses of Romaco Kilian and compaction simulators from Medelpharm will be used.

Target Audience

All professionals from development and production, who are interested in acquiring or enlarging the knowledge relevant to formulation development of tablets, both theoretically and practically.

Speaker

Dr. Rob Lammens

having more than 40 years experience in the field of solid dosage forms. After his PhD in Pharmaceutical Technology at the University of Leiden, he was employed at BAYER for 23 years, focusing on instrumenting pharmaceutical equipment, process visualization and engineering. From 2001 to 2014 he was a lecturer at the University of Bonn, besides working as freelancer. In 2014 he founded SDC together with Dr. Fretter.



Dr. Barbara Fretter

graduated in Pharmaceutics and then obtained her PhD in Pharmaceutical Technology at The University of Bonn, where she worked as Post-Doc focusing on instrumentation of tablet presses for investigating the deformation behavior of powders. During this period she also was responsible for several industrial contract research projects in the field of solid dosage forms. In 2014 she founded SDC together with Dr. Lammens.



Program

Theory

- basic principles of tableting and definitions: tablet types and geometries, important tablet properties for development and how to affect them, tablet press parameters
- characterizing formulation properties independent of tablet dimensions: from crushing force towards a format independent material property
- relevant flowability of formulations: standard deviation of tablet weight, statistics of production limits, tablet press parameters with influence on s% weight

- benefits and limitations of compaction simulators and small rotary tablet presses
- real time evaluation of rotary tableting
- control algorithms of rotary presses
- an overview of excipients for tableting

Practice

- characterizing powders with a Styl'One and a Stylcam
- performing force-hardness profiles at Romaco Kilian rotary presses (e.g. KTP 420)
- determining s% tablet weight

Registration and Contact

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Please send the signed registration form with your data via email or mail.

Date

Two-day seminar from 12. to 13.10.2017.

Day 1: 9:00 – 17:15

Day 2: 8:30 – 17:30

On day 1, a networking event will start at 19.00.
Please let us know if you want to join.

The seminar is limited to 36 participants.

Registration Fee

(per attendee plus VAT¹)

1 810 € (early bird registration till 04.08.2017)

2 090 € (after 04.08.2017)

The conference fee is payable in advance after receipt of invoice and includes conference documentation, joint evening event on the first day, lunch on both days, all refreshments and shuttle between theory and practice sessions.

¹ VAT is invoiced according to German tax law.

Location

The theory sessions will take place in the Lindner Hotel BayArena (ref. to accommodation). The Practice sessions will be in our facility (ref. to contact).

A shuttle is organized for all participants.

Accommodation

Lindner Hotel BayArena
Bismarckstr. 118
51373 Leverkusen, Germany

Please make your reservation directly with the hotel. Special rate available till 30.08.2017, code word: "SDC".

Single Room: 129 € p.n.

Double Room: 159 € p.n.

Seminar Language

The seminar language will be English.

Title, First Name, Last Name
Company Name
Street and No
Zip-Code and Location
Phone

E-mail Address Participant
Billing Address (if different from company address)
VAT No (if applicable)
Date, Signature

I want to join the networking event on day 1.

Yes No

I want to receive to the Solids Development Consult newsletter (quarterly).

Yes No

General Terms and Conditions

Cancellation Fees

- until 4 weeks prior to the conference 10 %
- until 2 weeks prior to the conference 50 %
- within 1 week prior to the conference 100 %.

We are happy to welcome a substitute colleague at any time.

We reserve the right to change the program, materials or speakers without notice or to cancel the event. If the event must be cancelled, registrants will be notified as soon as possible and will receive a full refund of fees paid. Solids Development Consult GmbH will not be responsible for discount airfare penalties or other costs incurred due to a cancellation.

Terms of payment

Payable without deductions within 10 days after receipt of invoice.

Important

This is a binding registration. If you cannot take part, you have to inform us in writing. The cancellation fee will then be calculated according to the point of time at which we receive your message. In case you do not appear at the event without having informed us, you will have to pay the full registration fee, even if you have not made the payment yet. Only after we received your payment, you are entitled to participate!

Privacy Policy

By registering for this event, I accept the processing of my personal data. Solids Development Consult GmbH (SDC) will use my data for the processing of this order, for which I hereby declare to agree that my personal data is stored and processed. SDC will only send me information in relation with this order or similar ones. My personal data will not be disclosed to third parties. I note that I can ask for the modification, correction or deletion of my data at any time.