

Future Activities

Membership

- Annual business meeting
- Biennial conference in conjunction with
 - WCCE-8, Montreal, Canada, 23-27 August 2009
 - ECCE-8, Berlin, Germany, 25-29 September 2011
- 1st EFCE industrial course on PD&E in spring 2011

8TH WORLD CONGRESS OF CHEMICAL ENGINEERING
INCORPORATING THE 59TH CANADIAN CHEMICAL ENGINEERING CONFERENCE
AND THE XXIV INTERAMERICAN CONGRESS OF CHEMICAL ENGINEERING
August 23-27, 2009 • Montréal, Quebec, Canada



Membership

If you are interested in receiving further information or in joining the Section, please contact the Section chairman or the EFCE Frankfurt office.



Organisation

Chairman:

Prof. Dr.-Ing. Ulrich Bröckel
Umwelt-Campus Birkenfeld, Germany
E-mail: u.broeckel@umwelt-campus.de

Vice-Chairman:

Prof. dr. Ton Broekhuis
University of Groningen, The Netherlands
E-mail: a.a.broekhuis@rug.nl

Vice-Chairman:

Dr.-Ing. Gerhard Wagner
DSM Nutritional Products, Basel, Switzerland
E-mail: Gerhard.Wagner@dsm.com

Secretary:

Dr. Willi Meier
DECHEMA e.V., Frankfurt, Germany
E-mail: meier@dechema.de

Contact

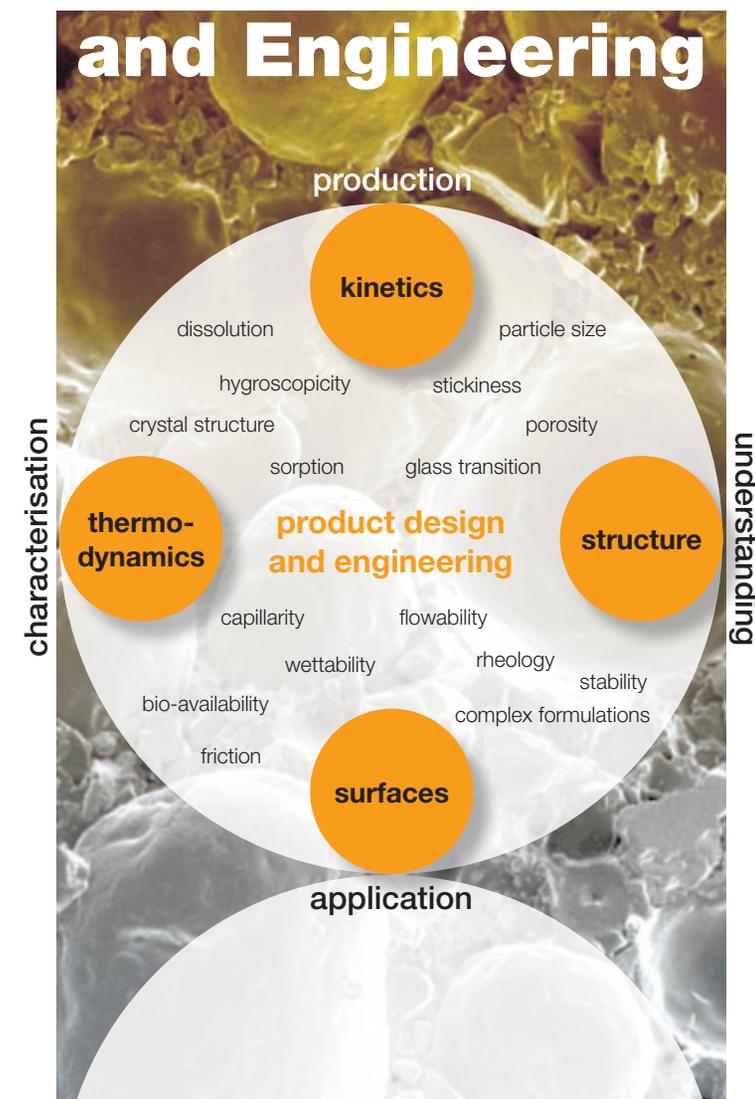
EFCE Frankfurt office
Ines Honndorf
c/o DECHEMA e.V.
Theodor-Heuss-Allee 25
60486 Frankfurt am Main, Germany
Tel.: +49 69 7564-209
Fax: +49 69 7564-299
E-mail: honndorf@dechema.de

www.efce.info/Sections.html

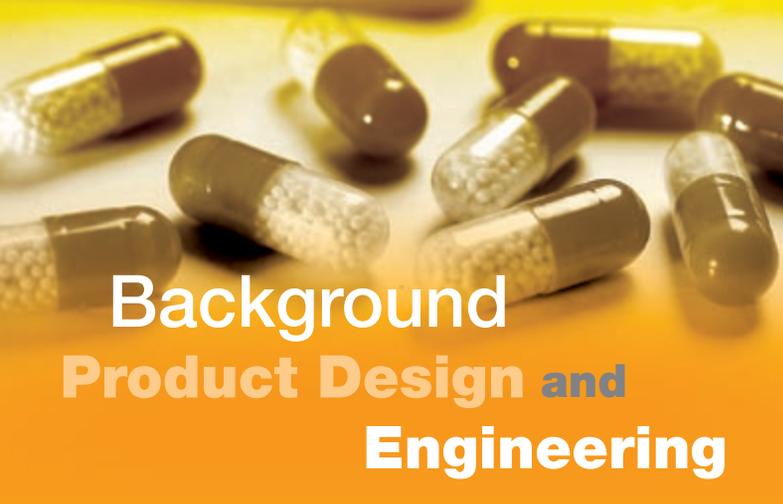


EFCE Section

Product Design and Engineering



July 2009



Background

Product Design and Engineering

Chemical product design and engineering may be considered as a new branch of the general chemical engineering discipline.

It is applied in many industrial areas, such as pharmaceutical, biomedical, food and feed products, cosmetics, adhesives, coatings, composites, etc.

This discipline comprises four major elements:

- structured product design and engineering methodology covering all elements in the product supply chain
- molecular design and engineering of properties
- understanding of molecular/micro-structure and product performance relationships
- insight into molecular/micro-structure and processing relationships

Vision, Mission, Goals

- To strengthen the scientific understanding of product design and engineering
- To stimulate and accelerate the development of
 - innovative, complex and highly structured products
 - suitable production processes
- To create a generic discipline across the different industrial sectors and to stimulate contacts between industry and academia
- The aim of the Section is to
 - consolidate European activities in this field
 - organize biennial conferences
 - establish a network and create a database of practitioners
 - support educational activities and develop teaching materials



History of the Section

The **EFCE Section on Product Design and Engineering (PD&E)** was founded in 2003 during the first EFCE-sponsored PD&E Conference held in Granada, Spain.

The Section was created in response to the increasing demand of the chemical-based product industries.

So far, the Section has organised three biennial conferences on product design and engineering: Granada, Spain (2003); Groningen, The Netherlands (2005) and Copenhagen, Denmark (2007).

