

EFCE Working parties

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EFCE

- Founded 1953
- 36 member societies. In Finland, Finnish Chemical Society (SKS). KTY proposes members via SKS
- "for the benefit of the public to promote co-operation in Europe and elsewhere between non-profit making professional scientific and technical societies which share amongst their aims the general advancement of science and education of the public in chemical engineering and the encouragement of the development of chemical engineering."



1. Serve the European Chemical Engineering Community

- By providing a platform for views and opinions and identifying opportunities for its voice to be heard

2. Support Chemical Engineers within EFCE Member Societies

- Encouraging the development of scientific and research activities in the field of Chemical Engineering
- Working Parties and Sections
- Conferences and Seminars
- Newsletters, Website and e-bulletins

3. Support the Education and Training of Chemical Engineers within Europe

- Active Education Working Party
- EFCE Journals
- Input Into Development of Curricula
- Training

4. Influence Decision Makers and Opinion Formers on Matters of Importance to Chemical Engineers

- By Helping to Shape European Policy
- Promoting Public Understanding of Science
- Contributing to European R&D Programmes
- Fostering Academic/Industry Links
- Promoting Chemical Engineering globally

5. Initiate Collaborations in Support of Common Goals and for the Advancement of Science and Technology

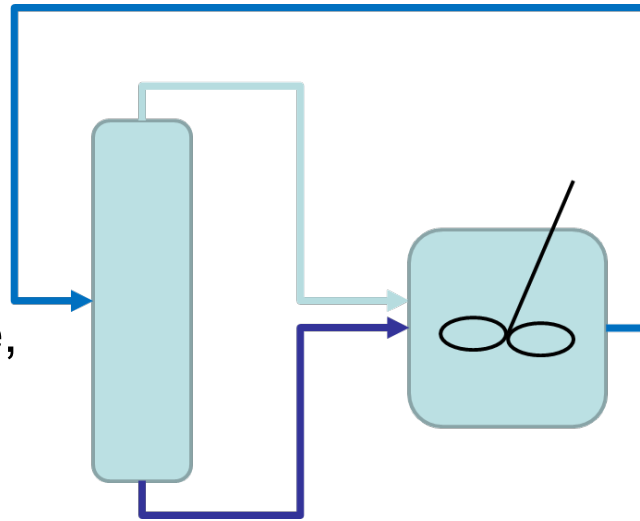
- Proactive Horizon Scanning and Topic Spotting
- Bringing People Together via Respected European Technical Networks

Working parties

<p>Agglomeration</p> <p>CHAIR: Prof. Dr.-Ing. Stefan HEINRICH, Hamburg, Germany Contact</p> <p>Heiskanen, Juppo</p>	<p>Electrochemical Engineering</p> <p>CHAIR: Prof. Karel BOUZEK, Prague, Czech Republic Contact</p>	<p>Polymer Reaction Engineering</p> <p>CHAIR: Prof. Dr. Markus BUSCH, Darmstadt, Germany Contact</p>
<p>Characterisation of Particulate Systems</p> <p>CHAIR: Dr.-Ing. Martin MORGENEYER, Compiègne, France Contact</p> <p>Tuunila</p>	<p>Fluid Separations</p> <p><i>(former name: Distillation, Absorption and Extraction)</i></p> <p>CHAIR: Prof. Dr. Harry KOOIJMAN, Netherlands Contact</p> <p>Alopaeus, Kangas</p>	<p>Process Intensification</p> <p>CHAIR: Prof. Dr. Georgios STEFANIDIS, Athen Greece Contact</p> <p>Koironen</p>
<p>Chemical Reaction Engineering</p> <p><i>incl. Chemical Engineering in the Applications of Catalysis</i></p> <p>CHAIR: Prof. Dr.-Ing. Kai-Olaf HINRICHSEN, Munich, Germany Contact</p> <p>Lehtonen, Salmi</p>	<p>High Pressure Technology Salmi</p> <p>CHAIR: Prof. Maria José COCERO ALONSO, Valladolid, Spain</p>	<p>Quality by Design</p> <p>CHAIR: Prof. Dr. Christoph HERWIG, Vienna, Austria Contact</p>
<p>Comminution and Classification</p> <p>CHAIR: Prof. Dr.-Ing. Arno KWADE, Braunschweig, Germany Contact</p>	<p>Loss Prevention and Safety Promotion in the Process Industries</p> <p>CHAIR: Prof. Dr. Bruno FABIANO, Genova, Italy Contact</p>	<p>Static Electricity in Industry</p> <p>CHAIR: Dr. Pedro LLOVERA SEGOVIA, Paterna (Valencia), Spain Contact</p> <p>Paasi</p>
<p>Computer Aided Process Engineering</p> <p>CHAIR: Prof. Dr. Flavio MANENTI, Milano, Italy Contact</p> <p>Kraslawski</p>	<p>Mechanics of Particulate Solids</p> <p>CHAIR: Associate Prof. Dr. Diego BARLETTA, Fisciano (SA), Italy Contact</p>	<p>Thermodynamics and Transport Properties</p> <p>CHAIR: Prof. Maria Grazia De ANGELIS, Edinburgh, UK Contact</p> <p>Academic Vice-Chair: Dr. Jean-Charles de HEMPTINNE</p>
<p>Crystallization</p> <p>CHAIR: Prof. Dr. Daniele MARCHISIO, Torino, Italy Contact</p> <p>Louhi-Kultanen</p>	<p>Mixing</p> <p>CHAIR: Dr. Joëlle AUBIN, Toulouse, France Contact</p> <p>Alopaeus</p>	<p>Industrial Vice-Chair: Dr. Susanna KUITUNEN</p> <p>Kuitunen, Pokki</p>
<p>Drying</p> <p>CHAIR: Prof. Dr. Angélique LEONARD, Liège, Belgium Contact</p>	<p>Multiphase Fluid Flow</p> <p>CHAIR: Prof. Dr. Michael SCHLÜTER, Hamburg, Germany Contact</p>	
<p>Education</p> <p>CHAIR: Dr. Hermann J. FEISE, Ludwigshafen, Germany Contact</p> <p>Sainio</p>		

My own EFCE activities

- WP meetings once per year. Introduction of new members, technical presentations, business meeting, plant visit
- Two members, myself and Jani Kangas (industrial representative, Neste)
- Organizes Distillation and Absorption conference once every four year. PhD Excellence award



**Fluid
separation**

Mixing

- WP meetings once per year. Introduction of new members, business meeting
- Only one national representative
- Organizes European Mixing conference every other year. Some webinars and other activities. Lifetime recognition award, Young researcher award



Working Party on Thermodynamics and Transport Properties

- Two members, Juha-Pekka Pokki (academia) and Susanna Kuitunen (industrial representative, Neste)
- One annual WP meeting and often during conferences (ESAT, ECTP, ECCE/ECAB, PPEPPD, ...)
- Task groups of “Industrial Perspectives” and “Education”
- Organizes
 - Round table discussions during conferences, such as “industrial Use of Thermodynamics = IUT”,
 - EFCE Webinars: Spotlight Talks started during Covid-19
 - Excellence Award, Lifetime Achievement Award, Excellence Award in thermodynamics and transport properties (PhD thesis)
 - Publications:



pubs.acs.org/IECR

Article

Industrial Requirements for Thermodynamic and Transport Properties: 2020

Georgios M. Kontogeorgis,* Ralf Dohrn, Ioannis G. Economou, Jean-Charles de Hemptinne, Antoon ten Kate, Susanna Kuitunen, Miranda Mooijer, Ljudmila Fele Žilnik, and Velisa Vesovic

Cite This: *Ind. Eng. Chem. Res.* 2021, 60, 4987–5013

Read Online

Working Party on Crystallization

- One member Marjatta Louhi-Kultanen (academia)
- Remote Teams WP meetings, also during conferences (ISIC, ECCE/ECAB)
- Organizes
 - Triennial International Symposium on Industrial Crystallization and specialized scientific meetings and workshops (22nd International Symposium on Industrial Crystallization - ISIC2023)
 - Development of training at undergraduate and postgraduate level
 - EFCE Webinars: Spotlight Talks started during Covid-19
 - Excellence Award in crystallization (PhD thesis)

Thanks!

