

# Meeting of the WP on crystallization of the EFCE

04/12/2023

On line meeting

# Agenda

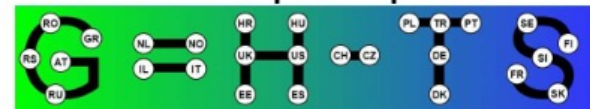
- Joint session for ECCE Berlin 2023
- Award at AIChE 2023
- New members
- Summer school
- Spotlight talk

# Special session from the WP

WP CAPE



WP Thermodynamics  
and Transport Properties



WP  
Crystallization



## Special Session

### The Pharma Challenge: a cross-cutting perspective

IUT: Industrial Use of Thermodynamics Session  
CAPE Identity Workshop (CAPE IW)

Room M5, Wednesday, September 20<sup>th</sup> 9:50-13:15

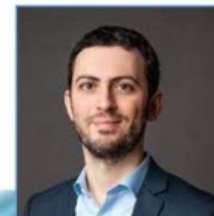
A. ten Kate  
Nouryon  
Moderator



G. Sadowski  
TU Dortmund



G. Vile'  
Polytechnic of Milan



The pharmaceutical industry poses serious challenges to chemical engineers, from modelling and measuring the thermodynamics and kinetics of processes to selecting appropriate models for describing the behavior of complex molecules. Three EFCE working parties join forces in this session, aimed at identifying key developments responding to the rising needs of the health industry.

**9:50-10:40: Panel discussion with all speakers**  
Moderator Dr. A. ten Kate (Nouryon)



G. Kontogeorgis  
TU Denmark



F. Artusio  
Polytechnic of Turin



D. Gerogiorgis  
Univ. Of Edinburgh

- **From the molecule to its physical state:** what are the challenges?
- **Product design:** what properties are essential, and how to define the adequate formulation?
- **Process design:** what are the specific needs of pharma processes?



# Award to Marco @AIChE

Congratulations to [Marco Mazzotti](#) for being this years recipient of the AIChE Area 2B Crystallization and Evaporation Award!!

Professor Mazzotti was recognized for all the contributions he has made over his career in the area of separations science, especially as it pertains to crystallization. Prof. Mazzotti gave a terrific lecture on the "Solid-State Deracemization of Conglomerate-Forming Chiral Compounds" to an overflowing room.



# New members

## **Delegate members:**

- **Emanuele Tomba** – Crystallization engineer, FIS, R&D, Vicenza, Italy
- Emanuele has a PhD in chemical engineering from Univ. of Padova
- He was intern at Oklahoma University, worked for GSK, Pfizer & Novartis
- He is a very active (new) member of our community

# New members

## **Elected members:**

- **Ashwin Kumar RAJAGOPALAN** - Lecturer in Chemical Engineering, The University of Manchester, UK
- **Botond Szilágyi** - Associate Professor, Budapest University of Technology and Economics, Department of Chemical and Environmental Process Engineering, Hungary

**VOTE!**

# New members

## Guest members:

- **Franca Jones** – Associate professor, Chemistry, School of Molecular and Life Sciences, Curtin University, Perth, Australia
- **Lek Wantha** – Associate professor, School of Chemical Engineering, Institute of Engineering, Suranaree University of Technology, Nakhon Ratchasima, THAILAND
- **Sevgi POLAT** – Associate professor, Chemical Engineering Department, Marmara University, Istanbul-TURKEY

**VOTE!**

# Summer school




- Thomas, Simon and Mei



# Spotlight talk

- Simon and Barbara

Votes



March 2024

|   | Mon 18     | Tue 19  | Wed 20     | Thu 21  | Fri 22  | Mon 25  | Tue 26     | Wed 27  |            |         |            |
|---|------------|---------|------------|---------|---------|---------|------------|---------|------------|---------|------------|
|   | afterno... | morning | afterno... | morning | morning | morning | afterno... | morning | afterno... | morning | afterno... |
| Your name                                   | ?          | ?       | ?          | ?       | ?       | ?       | ?          | ?       | ?          | ?       | ?          |
| Daniele Marchisio, WP crystallization       |            | ✓       | ✓          | ✓       | ✓       | ✓       | ✓          | ✓       |            |         |            |
| Alessandra Criscuoli, Section on Memb. Eng. |            |         |            |         |         |         |            |         |            |         |            |
| Aganovic, DIL, Food                         |            |         |            | ✓       |         | ✓       |            | ✓       |            |         |            |
| Bruno Fabiano LPWP                          |            |         |            |         |         | ✓       |            |         |            |         |            |

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Blue arrows point to the following cells in the table: (Mon 18, morning), (Tue 19, afternoon), (Fri 22, morning), (Fri 22, afternoon), (Mon 25, morning), (Mon 25, afternoon).

Any other business (?)