

Meeting of the WP on industrial crystallization of the EFCE

15/12/2021

On line meeting

Agenda

- This meeting is restricted to the DELEGATES who have the right to vote
- This is the meeting agenda:
- Introduction of new delegates (Ireland and Italy)
- Composition of the WP: elected members
- Appointment of vice-chair and secretary
- Any other business

Members attending the meeting

- Louhi-Kultanen Marjatta
- Markovits Imre
- Stepanski, Manfred
- Peter Daudey
- Riccardo Tomassetti
- Zwijnenburg A.
- Mei Lee
- Marko Ukrainczyk
- Béatrice Biscans
- philippe CARVIN
- Claudia Pudack
- Heike Lorenz
- Mazzotti Marco

New delegates

- Marko Ukrainczyk – APC – Senior process development scientistc (Ireland, Industrial representative)
- Steven Ferguson – UCD (Ireland, Academic representative)
- Riccardo Tomassetti - Director Chemical & Pharma Sales GEA (Italy, Industrial representative)

Marko Ukrainczyk

Ireland

marko.ukrainczyk@aprocess.com

[linkedin.com/in/marko-ukrainczyk-2aaa1b86](https://www.linkedin.com/in/marko-ukrainczyk-2aaa1b86)

Summary

Chemical Engineering, Physical Chemistry, Crystallization, Pharmaceuticals, Computational modeling, Curiosity,

Experience

Senior Process Development Scientist

APC

Jan 2019 - Present (2 years 9 months +)

Technical lead of a Small Molecule Crystallization Process Development Team

Process Development Scientist III

APC

Oct 2016 - Dec 2018 (2 years 3 months)

APC Innovation award in recognition of outstanding contribution

Postdoctoral Researcher

University of Limerick / The Synthesis and Solid State Pharmaceutical Centre (SSPC)

Oct 2014 - Oct 2016 (2 years 1 month)

Impurity Effects in Crystallization

Postdoctoral Fellow of TUM University Foundation

Technical University of Munich (TUM)

Sep 2013 - Aug 2014 (1 year)

Chair of Process Systems Engineering

Crystallization, Molecular simulations

Postdoctoral Scientist

Ruder Bošković Institute

Dec 2011 - Aug 2013 (1 year 9 months)

Interactions of tripeptides with calcite surfaces

Crystal growth of different calcite morphologies (Industry partner Shaefer Kalk KG GmbH)

Visiting Researcher

Karlsruhe Institute of Technology (KIT)

Jun 2011 - Nov 2011 (6 months)

Institute for Mineralogy and Geochemistry / Schaefer Kalk KG GmbH

"Reactivity of Calcite/Water Interfaces (RECAWA): molecular level process understanding for technical applications"

Curriculum Vitae

Personal Information	
Name/Surname	Riccardo Tomassetti
Address	Via Arbe, 51 - 20125 Milano, Italy
Mobile	+39 335 6399212
E-mail	rt@tomasetti.it
Nationality	Italian
Date of birth	18 / 03 / 1980
Gender	Male
Work Experience	
09/2019 – present	Director Chemical & Pharma Sales at GEA Process Engineering SpA Sales management of customized process solutions and services for the Chemical, Power, Oil&Gas, Pharma and Food industries with clear focus on business development. Core technologies: crystallization, evaporation, emission control, vacuum systems, granulation, drying, tableting, high containment) Sales strategy definition in relation to the achievement of company and corporate goals. Frame agreements with strategic partners. Coordination of the business with the Centers of Competence in Europe. Focus on new strategic customers acquisition and retention: end-users and top-tier EPC contractors. Sales team targets definition and high-level activities planning. Performance monitoring and improvement. Agents contracts definition and activities coordination. Participation in planning and implementing marketing activities, including trade fairs. Advance the implementation of ROCE optimization measures. Company Attorney.
06/2015 – 08/2019	Senior Sales Engineer & Sales Team Leader – Chemical & Pharma Solutions at GEA Process Engineering SpA Lead of the Chemical Sales Team, steering the development of the existing business lines. Direct take over of Pharma application (previously not in company portfolio), with the task of structuring internal and external contact network and define the way to the market. Pharma sales execution. Acquisition and fidelization of new key customers. Alignment and negotiation of complex contracts, in cooperation with legal advisors.

In compliance with the GDPR and the Italian Legislative Decree no. 101 dated 06/06/2018, I hereby authorize the use and storage of my personal data contained in this document for the specific purpose:
Curriculum Vitae – Riccardo Tomassetti – 09/11/2021 – EXCL Working Party on Crystallization.

Marko Ukrainczyk - page 1

Steven Ferguson Curriculum Vitae

Dr Steven Ferguson
UCD School of Chemical and Bioprocess Engineering
Engineering and Material Science Centre, University College Dublin, Belfield, Dublin 4
Ph: +353-1-861541149 email: steven.ferguson@ucd.ie

Career Profile

2020 - Present Principal Investigator- National Institute for Bioprocess Research and Training (NBRT)

2019- Present Adjunct Assistant Professor, School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin

2019- Present Management Committee and Manufacturing Theme Lead SSPC, SSPC the SFI Research Centre for Pharmaceuticals

2015- Present Assistant Professor, Chemical & Bioprocess Engineering, University College Dublin, Awarded Tenure in Nov 2018

2013-2015 Scientist, Biogen, Cambridge, MA, USA.

2012-2013 Postdoctoral Associate, Novartis-MIT Centre for Continuous Pharmaceutical Manufacturing & Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA, USA

Education

2012 PhD, Chemical & Bioprocess Engineering, University College Dublin

2008 BE, Chemical & Bioprocess Engineering, University College Dublin

Relevant Achievements & Experience

- Several significant contributions to fields of crystallization and pharmaceutical manufacturing:
 - Develop Manufacturing Platforms and Proposed and demonstrated controlling mechanisms for polymorphism in continuous crystallization
 - Demonstrated the first 3FF 3D-Printed PEEK Chemical Reactors and thus High Pressure and Chemical Compatibility printed reactors
 - Development of Two Phase Ionic Liquid Drug Delivery Platform for Oral Solid Dosage Formulation
- Managing Significant Interdisciplinary Research Group 12 PhD, 3 Postdoctoral Researchers
- Lead Engineer: Flow Chemistry Team at Biogen & Led development of integrated continuous manufacturing prototype line for commercial drug (> \$3.5 billion). Led Chemistry R&D in clinical drug form selection (w/pe-formulation team) allowing 3 clinical candidates to transition from drug discovery to clinical development (1 patent). Managed approximately \$ 1 million in contract research activities and also contract manufacturing of clinical drug substance (Phase I, Phase II clinical trials)
- 22 Peer reviewed articles, 1 Book Chapter, 20 Oral Presentations, Reviewer: 15 internationally regarded journals, External Examiner: 2 PhDs, Received Research Grants (NWO (Netherlands) & SNSF (Swiss National Science Foundation), Chaired 1 & Co- Organized 3 International Conferences/ Workshops.
- Commercialization Activities: 5 Patents, 3 Invention Disclosures

Recap on the rules: delegates

- The Member Societies have the right to propose up to two of their members as delegates to the Working Parties. Member Societies shall consider a proper balance between industrial and academic interests when nominating delegates.
- Proposals shall be submitted to the General Secretariat in Frankfurt together with an English CV of the nominee. The General Secretariat in Frankfurt shall send these to the Chair of the respective Working Party for the final decision.
- When the consent of the Chair of the Working Party has been obtained to the acceptance of a delegate the General Secretariat in Frankfurt shall dispatch a letter of appointment on behalf of the Chair.
- To foster the collaboration of national and European working parties, it is desirable that the Member Societies shall recommend experts who actively participate in national working parties in the same sphere of activity, where such exist.
- To ensure records are correct and up to date, the General Secretariat shall confirm the current membership list with the Working Party Chair annually.
- Working Party membership is not transferrable. Individuals may not join a Working Party as delegates without being nominated by an EFCE member society.
- Delegates have full voting rights.

EFCE Guidelines for Working Parties (WPs) Procedure PR- 04

3	Nov 2020	General review	GV	GV	HF
2	Aug 2018	Revised in standard format	GV	GV	HF
0	1978	First Issue	-	-	-
REV	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

These Guidelines were approved by the EFCE Executive Committee in Rovaniemi, Finland, on 13 June 1977, accepted by the EFCE General Assembly in London, UK, on 5 June 1978, amended by the EFCE General Assembly in Frankfurt, Germany, on 11 June 1982, amended by the EFCE General Assembly in Glasgow, UK, on 14 July 2005, amended by the EFCE Executive Board in Gdansk, Poland, on 12 March 2010, amended by the EFCE charity trustees in April 2017 re-issued in standard format in August 2018 and reviewed in November 2020.

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Recap on the rules: elected members

- The sitting members of the Working Party (delegates plus elected members) have the right to propose “elected members” to the Working Party.
- Proposed candidates shall be members of an EFCE Member Society.
- Their membership shall be confirmed by a simple majority of the sitting members present and voting.
- When the consent of the Working Party has been obtained to the acceptance of an elected member the General Secretariat in Frankfurt shall dispatch a letter of appointment on behalf of the Chair.
- Care should be taken to ensure that elected members are limited to professionals who are active in the scientific and technical fields relevant to the sphere of activity of the Working Party, keeping a proper balance between industrial and academic interests.
- **ELECTED MEMBERS SERVE A PERIOD OF THREE YEARS!**

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Proposal for elected members

- ***Elena Simone*** (F) Politecnico di Torino – Italy (Academia)
- ***Elodie Verdurand*** (F) DSM Nutritional products – Switzerland (Industry)
- ***Jan Sefcik*** (M) University of Strathclyde – UK (Academia)
- ***Kerstin Wohlgemuth*** (F) University of Dortmund – Germany (Academia)
- ***Simon Schiele*** (M) Technical University Munich – Germany (Academia)
- ***Thomas Vetter*** (M) Lundbeck – Denmark (Industry)

The WP approves unanimously

Proposal for elected members

The WP moreover recommends that:

- A good balance between industrial and academic representatives, between countries/member societies and between genders is guaranteed
- Candidatures of members should be expressed informally to the chairperson, who should before proceeding inform the delegates of the country/member society to which the candidates belong
- Candidatures should be presented every year only once at the end of October, in order to be able to process them before the end of the year
- The candidates should have at least attended one ISIC conference
- Elected members will serve a three-year period

Proposal for vicechair and secretary

- Secretary (more operative role with specific duties/resposabilities:
e.g. organization of the summer school)

Thomas Vetter

- Vicechair (replaces the chair in case of illness or death...)

Claudia Pudack

The WP approves unanimously

World particle technology conference: 9th World Congress on Particle Technology (WCPT9) will be held in September 18th-22nd, 2022, Madrid (Spain), detailed information can be found at:

<https://wcpt9.org/>

Registered user access



COMMITTEES

PROGRAM

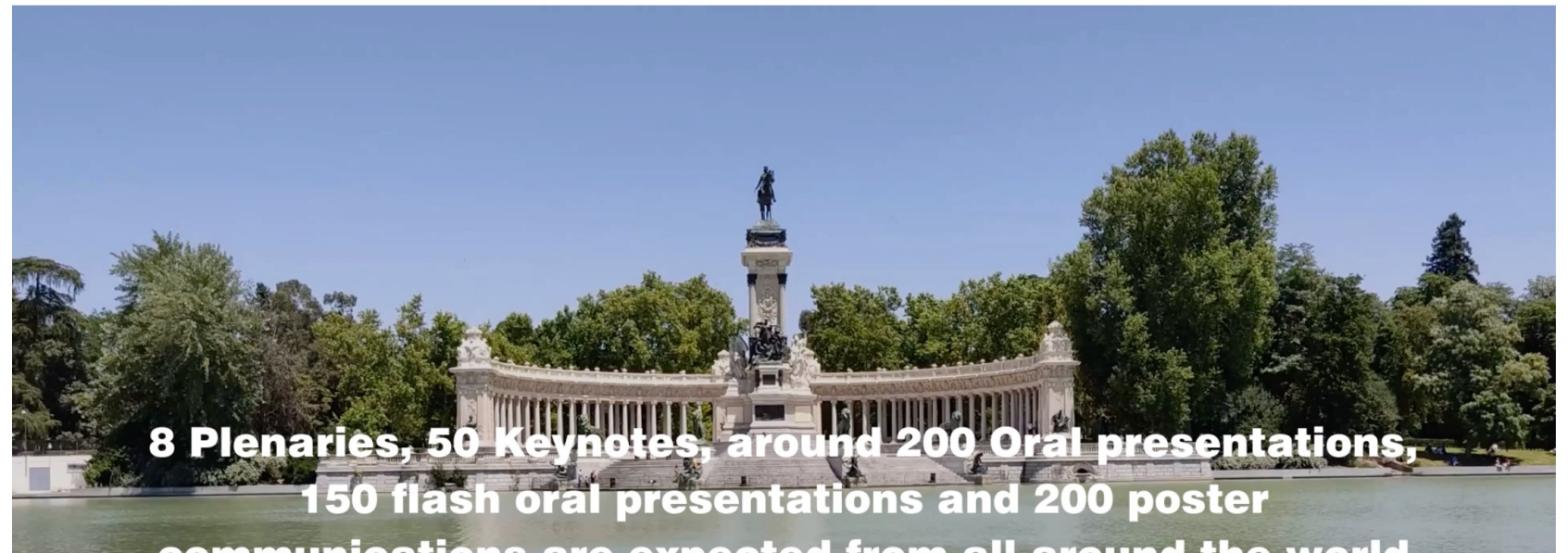
CALL FOR ABSTRACTS

REGISTRATION

SPONSORS & EXHIBITORS

GENERAL INFORMATION

PRESS ROOM



8 Plenaries, 50 Keynotes, around 200 Oral presentations, 150 flash oral presentations and 200 poster communications are expected from all around the world

Population balance modelling conference 2022

May 9-11, 2022, Lyon (France)

<http://pbm2022.univ-lyon1.fr/en>



7th International Conference on Population Balance Modelling



2022

May 9-11
Lyon - France



Pre-register

Home

The 7th International Conference on Population Balance Modelling (PBM 2022) aims to bring together researchers from academia and industry to exchange about the recent progresses in the various fields employing population balances.

This series of International Conferences on Population Balance Modelling was initiated in 2000, to respond to the increasing demand to meet and exchange about population balance fundamentals, new developments and solution techniques, and applications in different fields. Six conferences took place, first at Kona (Hawaii, 2000), followed by Valencia (Spain, 2004), Quebec (Canada, 2007), Berlin (Germany, 2010), Bangalore (India, 2013), and Ghent (Belgium, 2018). These conferences have stimulated the increasing interest to pursue its organisation. Due to the Covid-19 crisis, it could not be organised in 2021 and was postponed to 2022.

The conference covers the different application fields of population balances, including pharmaceutical and chemical processing industry, medical applications or biological systems. It aims to exchange about the elaboration of population balances in the different fields, recent solution and simulation strategies, adaptation to complex multivariate systems, integration in optimisation and control strategies, etc.



Home

Committees

Program

Important dates

Abstracts

Registration fees

Sponsors

Venue

BIWIC 2022 workshop at Aalto University in Espoo (Aalto's campus) and Helsinki (conference dinner) districts of Finland, 31/08/2022-02/09/2022

<https://www.aalto.fi/en/events/welcome-to-biwic-2022>

Welcome to BIWIC 2022!

Conferences and workshops

We are glad to inform you that the 27th International Workshop on Industrial Crystallization (BIWIC 2022) will be held at Aalto University.

BIWIC is an international conference that brings researchers and engineers from academia and industry together to discuss latest discoveries and challenges in industrial crystallization.

Previous BIWIC events were organized in Germany, France, Denmark, The Netherlands, Finland, South Africa, South Korea, China and Thailand.



Things to do in 2022

- Status of the organization of ISIC 22
- Organization of the summer school 2022 (first contact with Kerstin Wohlgemuth of the University of Dortmund)
- Actions on social media
- Planning of ISIC 23