

POSTER PRESENTATIONS

- POS01 A Growth Model of Gas Hydrates in Water-in-Oil Emulsion Flow
C.L. Bassani, A. Cameirão, J.M. Herri and R.E.M. Morales
- POS02 Fundamental Studies for Continuous Preferential Crystallization of Guaiifenesin
F. Cascella, E. Temmel, A. Seidel-Morgenstern and H. Lorenz
- POS03 A population balance model for temperature-cycling enhanced deracemization
A.A. Fytopoulos, C. Xiouras, F. Cameli, M.E. Kavousanakis, T. Van Gerven, A.G. Boudouvis and G.D. Stefanidis
- POS04 Effect of MoO₃ hemihydrate to prevent encrustation of Zirconium Molybdate Hydrate using heterogeneous nucleation
R. Abe, D. Ito, M. Takeuchi, Y. Miyazaki and I. Hirasawa
- POS05 Functionalized Polystyrene Nanoparticles Enable Control over Glycine Polymorphism
M. Li, W. Tang, E. Liu and J. Gong
- POS06 Determination of solubility and metastable zone width of isomaltulose by ultrasonic method
F. Mameri, O. Koutchoukali, L. Nemdili and J. Ulrich
- POS07 Evaluation of myristic acid effect on polymorphic transformation of glycine
S. Polat, and P. Sayan
- POS08 Influence of ultrasonic irradiation on calcium sulfate hemihydrate to dihydrate transformation process: Evaluation of crystal products
S. Polat, and P. Sayan
- POS09 Revealing the Role of Solvents on Conformational Polymorphism Nucleation
P. Shi, S. Xu, S. Du, J. Wang and J. Gong
- POS10 The role of additives during deracemization using temperature cycling
G. Belletti, H. Meekes, F. P. J. T. Rutjes and E. Vlieg
- POS11 Modeling Nucleation and Growth Kinetics of Para-aminobenzoic Acid and L-Glutamic Acid
R. Cedeño and A.E. Flood
- POS12 Parameter studies on the operating conditions for a continuous preferential crystallization in fluidized bed crystallizers
J. Gängsch, E. Temmel, H. Lorenz and A. Seidel-Morgenstern
- POS13 Phase Equilibrium Data of Cyclopentane Hydrates in Saline Systems of Na₂SO₄-H₂O, MgCl₂-H₂O, MgCl₂-NaCl-H₂O, and MgCl₂-NaCl-KCl-H₂O: Experimental and Modelling
S. Ho-Van, B. Bouillot, J. Douzet, S. Maghsoodloo Babakhani and J.M. Herri
- POS14 Selective preparation of elusive solid form of γ-Aminobutyric acid (GABA) through additive-induced crystallization routes
L. Wang, S. Du and J. Gong
- POS15 Analysis on Seeding Effect of Pt Reduction Crystallization
C. Matsumoto, J. Unno and I. Hirasawa
- POS16 Ethyl ester of tryptophan and its hydrochloride, new candidates for preferential enrichment process?
C. De Saint Jores*, C. Brandel, N. Gharbi, M. Sanselme, P. Cardinael and G. Coquerel
- POS17 Solvent Recycling of Ionic Liquid [DBNH][OAc] by Melt Crystallization
L. Yuan, P. Schulze, N. Osmanbegovic, A. Seidel-Morgenstern, M. Louhi-Kultanen and H. Lorenz

- POS18 Ternary Phase Diagram and Population Balance Model for Solvent-mediated Phase Transformation of Lansoprazole
S. Zong, H. Wu, Q. Liu, J. Wang and H. Hao
- POS19 An application of portable Raman spectroscopy for rapid and intact polymorphism quantitative analysis of multi-component pharmaceutical tablets
Y. Quan, Z. Huang, L. Jia and Y. Cao
- POS20 Cyclic Batch Preferential Crystallization for Conglomerates and Racemic Compounds
S. Bhandari, S. Qamar and A. Seidel-Morgenstern
- POS21 Modelling of batch isothermal crystallization of RS-ibuprofen from aqueous-ethanol solutions
N. Chaisongkram, S. Maosoongnern and A.E. Flood
- POS22 Manipulation of Crystal Morphology of Zoxamide Based on Phase Diagram and Crystal Structure Analysis
H. Wu, S. Zong , Q. Liu , J. Wang and H. Hao
- POS23 The effect of oleylamine on the growth of copper nanowires
A. Ishinabe and I. Hirasawa
- POS24 The pressure-temperature phase diagram of the Pyrazinamide
K. Li, G. Gbabode and I.B. Rietveld
- POS25 Crystal structure determination of Chlocyphos and resolution of Chlocyphos ethylamine salt by preferential crystallization
A.Mbodji, V. Dupray, G. Gbabode, C. Brandel, M. Sanselme and G. Coquerel
- POS26 Effect of solvent on the morphology of crystals in the self-aggregation phase transformation
S. Wu, M. Chen and J. Gong
- POS27 Polymer-induced Heteronucleation of 5-Fluorouracil
R. I. Zorrilla-Veloz, T. Stelzer and V. López-Mejías
- POS28 Assessment of Small-Scale Composite Sensor Array as Process Analytical Technology (PAT) for Quality Control of Aqueous Formulations
M. V. George-De la Rosa, R. Santiago, J. Duconge, R. Romañach and T. Stelzer
- POS29 Speeding up conglomerate deracemization through faster racemization
C. Tortora and S.B. Tsogoeva
- POS30 Growth of large mixed single crystals in the NaI-NaBr-H₂O system
S.N. Bocharov, L.Yu. Kryuchkova and A.E. Vikharev
- POS31 Crystallization Kinetic Study on Polymorphism of Active Pharmaceutical Ingredients
E.Y Choi and K.J Kim
- POS32 Implementation of Preferential Crystallization in unfavorable cases: Detection of metastable conglomerate
L. Harfouche, C. Brandel, Y. Cartigny, G. Coquerel and S. Petit
- POS33 Polymorphs of daidzein and intermolecular interaction effect on solution crystallization
L. Jia, S. Liu and J. Gong
- POS34 Formation Mechanism and Phase Transformation Behaviors of Polymorphs of Esomeprazole sodium
Q. Liu, H. Wu, S. Zong, H. Hao and J. Wang

- POS35 Design and Mechanism of the Formation of Spherical KCl Particles Using Cooling Crystallization without Additives
M. Chen, and J. Gong
- POS36 Energy and mass balance simulation of vacuum evaporation crystallization of glycine
A. Said and M. Louhi-Kultanen
- POS37 Effect of oiling-out on the nucleation of crystallization
M. Sun and J. Gong
- POS38 Estimation of the kinetics for batch cooling crystallization of active pharmaceutical ingredients using focused-beam reflectance measurement
J. Unno, H. Kawase, R. Kaneshige and I. Hirasawa
- POS39 Towards in situ monitoring and control of crystallization-based resolution processes
R. Venkatramanan, A. Nordon and Joop H ter Horst
- POS40 Ternary phase diagram of Potassium Alum in water-ethanol systems for the design of attrition experiments
L. Bosetti, G.M. Maggioni and M. Mazzotti
- POS41 Physical and mathematical models of Secondary Nucleation towards Continuous Processes
L. Bosetti, G.M. Maggioni, F. Milella and M. Mazzotti
- POS42 Design of closed loop auto-sampling device able to characterize enantiomeric excess in liquids and solids during chiral resolution processes
Gur Rehman and T. Vetter
- POS43 Image-based discrimination of single crystals and non-single crystals during batch cooling crystallization
S. Heisel and K. Wohlgemuth
- POS44 Crystallization of Rebaudioside A from *Stevia rebaudiana* extracts
C. R. Malwade, R. El-Houri and H. Qu
- POS45 Four phase equilibrium conditions of cyclopentane/carbon dioxide binary hydrate in brine solutions: A potential application in water desalination
S. Maghsoodloo, S. Ho-Van, B. Bouillot, J. Douzet and J-M. Herri
- POS46 Interplay of the racemization rate and the crystal growth rate on the deracemization rate
R. Oketani, C. Brandel, P. Cardinael and G. Coquerel
- POS47 Influence of Na₂S₂O₆ on NaClO₃ deracemization
M. Schindler, C. Brandel and G. Coquerel
- POS48 Flurbiprofen: A Target for Viedma Ripening
G. Valenti, J.H. Ter Horst and R.M. Kellogg
- POS49 Crystal structure, stability, solid-state polymorphic transformation of three solvates of sorafenib tosylate
P. Yang, S. Du, Y. Qin and J. Gong
- POS50 Evaluation and optimization of solid-state deracemisation via temperature cycles
F. Breveglieri, G.M. Maggioni and M. Mazzotti
- POS51 Discovering new cocrystals via coformer-network analysis
J. Devogelaer, R. de Gelder, H. Meekes and E. Vlieg
- POS52 Crystal Growth Rate Studies in the Chiral 2-Chloromandelic Acid/Water System

M. Henniges, A. Seidel-Morgenstern and H. Lorenz

- POS53 Limits of solid solutions in the L-leucine — L-isoleucine system according to PXRD and SCXRD data
L.Yu. Kryuchkova, E.N Kotelnikova, A.A. Zolotarev Jr and H. Lorenz
- POS54 Solid phases in the chiral phenylglycine system according to PXRD and SCXRD data
L.Yu. Kryuchkova, H. Lorenz, A.A. Zolotarev Jr, S.N. Bocharov and E.N. Kotelnikova
- POS55 Influence of solution viscosity on purity of crystalline layer
N. Osmanbegovic, B. Han and M. Louhi-Kultanen
- POS56 Design of spherical agglomeration of cefotaxime sodium with different solvent systems
M. Chen and J. Gong
- POS57 Real-time desupersaturation, holding time and end-point detection in batch crystallization using econometrics
L. L Simon
- POS58 Conditional Solubility Behavior of Calcium Phosphates in the Presence of Humic Acid
L. Vasenko and H. Qu
- POS59 Understanding the Nucleation Mechanism of Azoxystrobin Solvates
H. Yang, W. Tang, J. Wang and J. Gong
- POS60 Modelling pharmaceutical batch cooling crystallisation processes using a coupled CFD-Population balance approach
D.M. Camacho, C.Y. Ma, T. Mahmud and K.J. Roberts
- POS61 Application of rather new measuring techniques in the crystallization process and investigation of the effect of measuring setting parameters on out-come of some measuring technologies
M. Fardmostafavi, H.B. Schwartz and F.H. Schwartz
- POS62 Quantitative Application of in Situ ATR-FTIR Spectroscopy in the CO₂-NH₃-H₂O System: a Thermodynamic Study
F.Milella and M. Mazzotti
- POS63 The use of advance analytical technique to investigate the disproportionation of pharmaceutical salt(s) in solid formulation
A. Abouselo, J. Aylott, D. Scurr, J. Burley, A. Kwokal and L. Renou
- POS64 Influence of Product Variation on the Production of Liquid Filled Crystalline Containers
M. Wellner and J. Ulrich
- POS65 Varying the Rate of Dissolution: Choose the Correct Co-crystal Partner
T. Bonnaud, O. Couzins, C. Bartlet and T. Kendall
- POS66 Particle Engineering Through Crystallization Development: A Tale of Two Morphologies
J. Harris, O. Suleiman, S. Stratford and K. Wittering