

8th Workshop on Crystal Forms, Bologna 14-16 June 2015

Crystals in Food & Pharma - CFP@BO

www.ciam.unibo.it/crystal_engineering and www.polycrystalline.it

Sunday 14 June – Dipartimento di Chimica "Giacomo Ciamician"

13:00 **Registration**

14:00 Dario Braga (*University of Bologna*)
Welcome address

14:30 Sarah (Sally) L. Price (*University College London, UK*)
Why don't we find more polymorphs?

15:00 Christer Aakeröy (*Kansas State University, USA*)
Is there any point in making co-crystals?

15:30 Alessia Bacchi (*University of Parma, Italy*)
Trapping liquid drugs inside crystals

16:00 Juan Novoa
Title to be provided

16:30 **Coffee break**

17:00 Joel Bernstein
Polymorphism - a (partial) Retrospective

17:30 Fabrizia Grepioni (*University of Bologna*)
Rifaximin: case study and never-ending story

18:00 Simon E. Lawrence (*University College Cork, Ireland*)
Cocrystallization of Nutraceuticals

18:30 PolyCrystalLine
Title to be provided

19:00 **Wine and cheese party**

Monday 15 June – Hotel Europa

9:00 Aurora J. Cruz Cabeza
Title to be provided

9:30 Susan Reutzel-Edens (*Eli Lilly and Company, USA*)
Crystal Polymorphism in the Pharmaceutical Industry: Practice, Problems, Progress and Prediction

10:00 Luc Aerts (*UCB Pharma S.A., Belgium*)
From crystal to powder

10:30 **Coffee break**

11:00 Michele R. Chierotti (*University of Torino, Italy*)
Weak Interactions for Crystal Design: Hydrogen and Halogen Bond by solid-state NMR

11:30 Ulrich Griesser
Title to be provided

12:00 Silvia Cuffini (*Federal University of São Paulo, Brazil*)
Polymorphism and microstructure of Anti-HIV Drug Efavirenz: Investigations on thermodynamic, dissolution properties and correlation with bioequivalence

12:30 Sponsor 1 + Sponsor 2

13:00 **Lunch**

14:30 Fritz Blatter (*Solvias AG, Switzerland*)
Pharmaceutical Solid-State Patents – Do Polymorph Patents still make Sense?

15:00 Elizabeth Greiner (*Patentanwälte Rechtsanwälte PartG mbB, Munich, Germany*)
Obtaining solid patent protection for solid state forms

15:30 Jill MacAlpine (*Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, Washington, USA*)
U.S. Patent Protection of Crystalline Forms

16:00 **Coffee break**

16:45 Sponsor 3

17:00 Nair Rodriguez-Hornedo (*University of Michigan, USA*)
Title to be provided

17:30 Axel Becker (*Merck KGaA, Germany*)
Solid-state form selection and control in drug substances and drug products: An industry perspective

18:00 Piotr Karpinski (*Consultant/Expert Witness/Trainer, USA*)
Astonishing Crystal Forms and Their Properties

Tuesday 16 June – Hotel Europa

9:00 Lucia Maini (*University of Bologna*)
Title to be provided

9:30 Bernd Hinrichsen (*BASF SE, Germany*)
The Crystal Structure of Animal Feed Additives: Ferrous Glycine Sulphate and its Copper, Manganese and Zinc Analogues

10:00 Matteo Lusi (*University of Limerick, Ireland*)
Solid Solutions and Crystal Engineering of Pharmaceuticals and Agrochemicals

10:30 Christoph Loschen (*COSMOlogic GmbH & Co. KG, Germany*)
Accurate Treatment of Interactions in Liquids and their Role for the Prediction of Cocrystal and Solvate Formation

11:00 **Coffee break**

11:30 Fabia Gozzo (*Excelsus Structural Solutions sprl, Belgium*)
Title to be provided

12:00 Martin Schmidt (*University of Frankfurt, Germany*)
Fit with deviating lattice parameters (FIDEL): A new method to determine crystal structures of poorly crystalline organic compounds

12:30 Jacco van de Streek (*University of Copenhagen, Denmark*)
Molecular Dynamics Studies of (Pharmaceutical) Molecular Crystal Structures

13:00 Jean Doucet (*Novitrom, France*)
Applications of X-ray microdiffraction to analyze the crystallinity and polymorphism of API and ingredients in pharmaceutical tablets

13:30 Dario Braga (*University of Bologna*)
Concluding remarks

13:45 **Lunch**

Event sponsored by: [Associazione Italiana di Cristallografia](#), [Dipartimento di Chimica Ciamician](#), [Società Chimica Italiana](#)

