

# Nucleation & Crystal Growth

# Biomineralization & Biomaterials



Christine Putnis

Denis Gebauer

Heike Lorenz

Jim de Yoreo

Juanma García-Ruiz

Dino Aquilano

Andrew Putnis

Manuel Prieto



## Polymorphism, Cocrystals & Chiral crystallization

## Crystallization Techniques & Industrial Crystallization

Bart Kahr

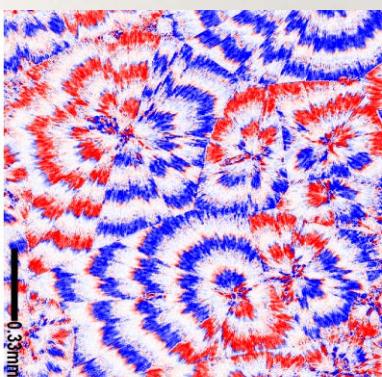
Joel Bernstein

Mike Zaworotko

Ulrich Griesser

Michael Ward

Marc McKee



Lia Addadi

Marc McKee

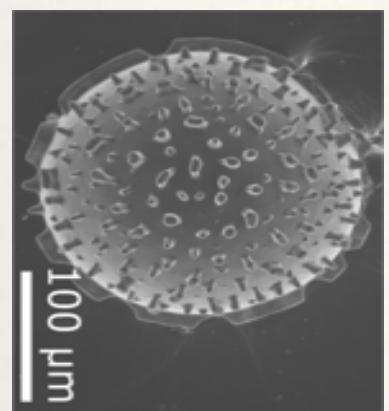
Carlos Rodríguez Navarro

Jaime Gómez-Morales

Giuseppe Falini

Alejandro Rodríguez-Navarro

Helmut Coelfen



# Demonstrations Fair...



Helmut Coelfen / Denis Gebauer / **Mesocrystals**

Ulrich Griesser / **Crystallization from melt with thermal methods**

Heike Lorenz / **Hydrates and anhydrides: understanding phase diagrams**

Joel Bernstein / **Polymorphs and Patents: It's All in the Claims**

Mike Zaworotko / **Mechanochemical synthesis**

Dierk Wieckhusen / **Case studies in pharmaceutical crystallization**

Alfonso García-Caballero / **Crystallization by thermal gradient**

Jordi Benet-Buchholz / **Heating and cooling experiments**

Cristóbal Verdugo / **Crystallization by antisolvent addition**

Juan Manuel García-Ruiz / **Counter diffusion techniques**

Luis González / **Gels for crystal growth**

Jose A. Gavira / **Vapour diffusion experiments**

Francisca Espinosa / **PEO organogels for crystallization**

Raquel Fernández / **Crystallization using Agarose gels**

Alejandro Rodríguez Navarro / **Textural analysis of biominerals**

Isaac Rodríguez / **Microfluidic crystallization**

Jürg Hulligher / **Delta T crystallization**

Danny Stam / **The Use of Crystal16® for Solubility Phase Diagram Determinations**

...arrange your own Practical Training!



# Enjoy Crystallization

Come to Granada

<http://iscgranada.org>



International School of Crystallization, Granada, Spain. May 21 – May 25, 2018

