



# Summer School - Crystal Nucleation

Fundamentals & Application

June 20th to 24th, 2016

Organizer:

**Prof. Joop H. ter Horst**

EPSRC Centre for Innovative Manufacturing in Continuous  
Manufacturing and Crystallisation (CMAC)

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Organized on behalf of  
the EFCE Working Party on Crystallization

# Learn how to control and predict Crystal Nucleation



The goal of this summer school is to outline measurement methods, characterization tools and simulation techniques necessary to understand, describe and manipulate crystal nucleation processes.

The course will be divided into five themes, with lectures held by experts in the field:

## ***Non-classical nucleation and nucleation thermodynamics***

**Prof. Peter Vekilov**, University of Houston

## ***Classical nucleation and measurements***

**Prof. Joop ter Horst**, University of Strathclyde

## ***Secondary nucleation and aggregation***

**Prof. Jan Sefcik**, University of Strathclyde

## ***Molecular interpretation of Nucleation behaviour***

**Prof. Roger Davey**, University of Manchester

## ***Molecular Aggregation in crystal nucleation***

**Dr. Denis Gebauer**, University of Konstanz

## **Registration**

Participants from academia, industry and alike are invited to join. The fee covers the lectures, daily coffee breaks and the excursion; accommodation is not included.

Approximate early registration fee:

Academics: £ 225

Industry: £ 450

The **early registration deadline** is March 31, while the **general deadline** is May 31. Registration and fee payment will be possible from 1<sup>st</sup> of January 2016. Until then, you can show your interest by sending an email to the address below & we will keep you updated. Please also check the [CMAC](#) website for more details.

**Contact:** Questions and comments are welcome. Please contact [nucleation-summer-school2016@strath.ac.uk](mailto:nucleation-summer-school2016@strath.ac.uk)

## **Conference venue**

The summer school will be held in the Technology & Innovation Centre of the the University of Strathclyde, in the centre of Glasgow.

## **Organizing Committee**

Prof. Joop ter Horst, Dr. Rene Steendam, Maria Briuglia, Olayinka Olalere, Andrew Dunn

The BACG/CGOM will be held the week after the summer school 26-30 June 2016 in Leeds: [www.crystalgrowth2016.co.uk](http://www.crystalgrowth2016.co.uk).