



Symposium

Crystal Nucleation

Friday 18 June 2010
Delft University of Technology

Sponsored by
Nederlandse Vereniging voor Kristalgroei
Nederlandse Vereniging voor Kristallografie
NPT Process Technology, TUD

Crystallization is an essential step in many processes in chemical industry, ranging from bulk chemicals to special products. The crystal product quality and properties are determined by the specific crystal structure (polymorph) crystallized, and by its crystal size, morphology and purity. In crystallization processes the nucleation stage is crucial and determines which polymorph is formed. Although polymorphism has attracted a lot of attention lately, its first stage, the nucleation event, is still poorly understood and is therefore difficult to control and optimize.

This one-day symposium intends to give an overview of the present knowledge in crystal nucleation and to emphasize the promising opportunities of using statistical methods in experimental techniques as well as in computer modelling of the nucleation process.

Keynote lectures will be given by

Prof. Alan Myerson (I.I.T., Chicago)

Prof. Stephane Veester (CINaM-CNRS, Marseille)

Prof. Naomi Chayen (Imperial College London)

The symposium fee is 25 Euro, which includes coffee, lunch and drinks afterwards. Students, NVKG and NVK members pay 15 Euro. Organizers: Joop ter Horst, TU Delft (J.H.terHorst@tudelft.nl), Hugo Meekes, RU Nijmegen (H.Meekes@science.ru.nl.).

Registration: <http://www.dacg.nl>