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CAMBRIDGE SOCIETY FOR THE APPLICATION OF RESEARCH

NOTE CHANGE OF START TIME – ONE HOUR EARLIER THAN LAST YEAR!!

‘The Nautilus – Master of Crystal Engineering’

The fabrication of inorganic biomaterials from molecular maps

PROFESSOR BRIGID HEYWOOD

Head of Schools of Physics and Chemistry

University of Keele

May 15th October 2001, **7.30 p.m. - 9.00 p.m.**¹

The Wolfson Lecture Theatre, Churchill College, Cambridge

Abstract

‘Crystal Engineering’ occurs in its most advanced form in nature. Bio-crystalline materials are deposited in a highly controlled manner to produce crystal phases that are unique. The mineralisation process which takes place involves unique strategies which circumvent the normal thermodynamic directive which would usually control crystal growth.

About the Subject (Organising Secretary's notes):

I am somewhat disadvantaged in writing this summary, since I have not met the speaker nor do I have a biography for her! However, a colleague of mine (who is a chemist) attended this lecture when it was given to the Royal Society of Chemistry earlier this year, and I am assured that it is fascinating. Professor Heywood is a world expert in the field.

The Nautilus, a most ancient animal, is the exemplar of how to do crystal engineering, apparently!

Richard Freeman

Organising Secretary

¹**Note:** An experimental change of times for Michaelmas Term; we shall review at the end of Term

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