

Seminar

Title: Open Data, CML and the Vision in future
Speaker: Prof. Murray-Rust
Unilever Centre for Molecular Science
Informatics, University of Cambridge
Time: 9:00 -11:30(am) Sep. 9, 2011 (Friday)
Place: Meeting room 307, IPE Mansion



Introduction

Peter Murray-Rust was educated at Bootham School and Balliol College, Oxford. After obtaining a D.Phil he became lecturer in chemistry at the (new) University of Stirling and was first warden of Andrew Stewart Hall of Residence. In 1982 he moved to Glaxo Group Research at Greenford to head Molecular Graphics, Computational Chemistry and later protein structure determination. He was Professor of Pharmacy in the University of Nottingham from 1996-2000, setting up the Virtual School of Molecular Sciences. He is now Reader in Molecular Informatics at the University of Cambridge and Senior Research Fellow of Churchill College.

His interests have involved the automated analysis of data in scientific publications, creation of virtual communities e.g. The Virtual School of Natural Sciences in the Globewide Network Academy and the Semantic Web. With Henry Rzepa he has extended this to chemistry through the development of Markup languages, especially Chemical Markup Language. He campaigns for Open Data, particularly in science, and is on the advisory board of the Open Knowledge Foundation. Together with a few other chemists he was a founder member of the Blue Obelisk movement in 2005.

In 2002, Peter Murray-Rust and his colleagues proposed an electronic repository for unpublished chemical data called the World Wide Molecular Matrix (WWMM). In January 2011 a symposium around his career and visions was organized, called Visions of a Semantic Molecular Future.