

THE UNIVERSITY



OF HONG KONG

Department of Mathematics

**Numerical Mathematics and
Applied Analysis Group Seminar
(NMAA)**

Enter the Field of Glycome Informatics

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on Tuesday, August 15, 2006 at 2:00p.m.
in Room 309, Run Run Shaw Building, HKU

Abstract

In the past few years, new databases and algorithms for studying carbohydrate sugar chains, or glycans, have started appearing in the literature. These polysaccharide structures are quite complex, but with the development of several databases in Germany, Japan and the US, new analytical techniques have come into the fore. This tutorial will present the current status of this field called glycome informatics. The databases, data formats and some of the recent analytical methods for analyzing glycans will be studied, and the current problems that are being challenged will be presented.

All are welcome
