



Sefydliad Gwyddorau Mathemategol a Chyfrifiannol Cymru
Wales Institute of Mathematical and Computational Sciences

Mathematical Physics Lectures

Tuesday 13th and Wednesday 14th January 2008

Cardiff University

Room M2.06

School of Mathematics

Professor Tim Porter (Bangor, Wales).

Title: Categorification and bundles

The aim of the talks will be to illustrate some of the aspects of categorification in the case of bundles. This will lead from bundles and vector bundles via sheaves to stacks, gerbes, 2-bundles and eventually to 2-vector bundles. On the way I hope to indicate some of the links with higher category theory and non-Abelian cohomology.

Tuesday 13th January 2.30 -3.30 and 4.00 - 5.00

Wednesday 14th January 1.30 - 2.30 and 3.30 - 4.30

David E Evans

WIMCS MP Cluster