

Eugene Tyrtysnikov (INM RAS Moscow)
Leverhulme Visiting Professor series of lectures
Tuesday 10th January 2012

Programme

09.30 – 09.45	Arrival and registration
09.45 – 10.00	Introduction and welcome by Professor Neville Ford
10.00 – 10.45	Professor Eugene Tyrtysnikov <i>Maximal volume principle and multilinear approximation of data</i>
10.45 – 11.00	Refreshment break
11.00 – 11.30	Dr Yubin Yan <i>Numerical methods for fractional partial differential equations</i>
11.30 – 12.15	Professor Eugene Tyrtysnikov <i>Fast Tensor approximation algorithms</i>
12.15 – 13.15	Lunch break
13.15 – 13.45	Dr Dmitry Savostyanov <i>Tensor train interpolation and applications to fractional differential equations</i>
13.45 – 14.30	Professor Eugene Tyrtysnikov <i>Euclidean algorithm and Hankel matrices</i>
14.30 – 14.45	Refreshment break
14.45 – 15.15	Dr Jason Roberts <i>Parametric sensitivity analysis of a mathematical model of the human bone remodelling process</i>
15.15 – 16.00	Professor Eugene Tyrtysnikov <i>Fast algorithms for some problems across the applied sciences</i>
16.00 – 16.30	Closing remarks by Professor Neville Ford