Friday, October 31st (at 4.00pm, UK time)

Andrei Marshakov (HSE University)

Title: Decorated Newton polygons and reductions of cluster integrable systems.

ABSTRACT

I start with the definition of cluster integrable systems a la Goncharov and Kenyon, defined by convex Newton polygons, up to the action of SA(2,**Z**). There are several arguments, requiring that to complete the picture this class should be extended by their Hamiltonian reductions, which can be performed preserving the structure of cluster variety.
