Warwick
Mathematics Research Centre

WAG07-08 Weekend workshop
Introduction to recent breakthroughs in the Higher Dimensional Minimal Model program
1st - 3rd November 2007

The weekend meeting provides an informal expository treatment of the HD MMP in advance of the major conference Wednesday12th – Thursday 20th December 2007. Please register online if you are interested in either event: Google WAG07-08 or Warwick MRC registration, or dial www.warwick.ac.uk/mrc

Programme (subject to adjustments)

Thursday 1st November 2007

1:00 in B1.01 **Miles Reid** (Warwick) (1) *The general shape of the MMP*

4:15 in B3.01 **Miles Reid** (Warwick) (2) *The X-method: freedom, nonvanishing, the cone theorem*

Friday 2nd November 2007

10:30 in B3.02 **Miles Reid** (Warwick) (3) *First introduction to Shokurology*

12:00 in B3.02 **Vlad Lazic** (Cambridge) *Overview of [Hacon and McKernan]*

2:00 in B3.02 **Anne-Sophie Kaloghiros** (Cambridge) *The Mori-Takeuchi 2-ray game and the genus bound for Fano 3-folds*

4:00 (Department Colloquium) in B3.02 **Andrzej Zuk** (Jussieu) *Amenability*

5:00 Wine party

7:00 Dinner and further alcohol

Saturday 3rd November 2007

10:30 in B3.02 **Alessio Corti** (Imperial) *Nonvanishing etc without blowing up*

12:00 in B3.02 **Miles Reid** (Warwick) *Reduction to pl flips following [Utah2, Flips and abundance], Chap 18*

1:00 Lunch

2:30 in B3.02 **Vlad Lazic** (Cambridge) *The existence of HD flips following Hacon and McKernan I*

4:00 in B3.02 **Vlad Lazic** (Cambridge) *The existence of HD flips following Hacon and McKernan II*

6:00 Workshop dinner

On Monday 5th November I will discuss open problems in HD MMP with anyone interested. There will be a lecture by **Diane Maclagan** 2:00 in B3.01, the second in a series *Introduction to tropical geometry.* I will arrange a viewing of the MSRI videos, with 4 lectures on HD MMP by Corti, Kollar, Mustatsa and Hacon. There is room for more talks if anyone is keen.