

mrc
2007/08 Warwick EPSRC
Symposium on Algebraic Geometry

Warwick

Mathematics Research Centre

WAG 07-08 Workshop on

Higher dimensional minimal model program

Wednesday 12th – Wednesday 19th December 2007

Organisers: Alessio Corti, James McKernan and Miles Reid

Programme (subject to adjustments)

Wednesday 12th December 2007 - Talks in Lecture Room B1.01

- 15:00 **Burt Totaro** (DPMMS, Cambridge) *Moving codimension-one subvarieties over finite fields*
- 16:30 **Miles Reid** *MMP with scaling and surfaces with involutions*
- 18:00 Indian take-away in common room

Thursday 13th December 2007 - Talks in Lecture Room B3.03

- 09:30 **Jarek Buczynski** *Smooth varieties in PP^n with smooth dual*
- 10:30 Coffee in the Mathematics Common Room
- 11:00 **James McKernan** *Log canonical and beyond*
- 14:00 **Vlad Lazic** (to be confirmed) *Finite generation of Shokurov algebras*
- 15:00 Tea in the Mathematics Common Room
- 16:00 **Kawakita Masayuki** *On minimal log discrepancies*
- 18:00 Clarendon Arms, Kenilworth (traditional English pub)

Friday 14th December 2007 - Talks in Lecture Room B3.02

- 10:30 Coffee in the Mathematics Common Room
- 10:30 **Ivan Cheltsov** (1) *Geometry of 95 Fano 3-fold hypersurfaces*
- 12:00 **Florin Ambro** *On log canonical singularities*
- 14:00 **Aleksandr Pukhlikov** *Birational geometry of Fano fiber spaces* (time to be confirmed)
- 15:00 Tea in the Mathematics Common Room
- 16:00 **Christopher Hacon** (1) *Finite generation of the canonical ring*
- 17:00 Colloquium refreshments
- 19:00 Buffet dinner in common room

Saturday 15th December 2007 - Talks in Lecture Room B3.02

- 11:00 **Thomas Eckl** *Projective complex manifolds with non-positive holomorphic bisectional curvature*
- 12:00 Lunch at Wing Wah
- 14:30 **Ivan Cheltsov** (2) *Geometry of 95 Fano 3-fold hypersurfaces*

Sunday 16th December 2007

Bus trip to Stratford-on-Avon, departing from the Mathematics Institute at 11:00, returning to the Mathematics Institute at 17:30

Monday 17th December 2007 - Talks in Lecture Room B3.02

- 10:30 Coffee in the Mathematics Common Room
- 11:00 **James McKernan** (2) *On the existence of flips*
- 14:00 **Nero Budur** title TBA
- 15:00 Tea in the Mathematics Common Room
- 16:00 **Caucher Birkar** *4-dimensional minimal models*
- Dinner at Thai Dusit in Coventry

Tuesday 18th December 2007 - Talks in Lecture Room B3.02

- 10:30 Coffee in the Mathematics Common Room
- 10:30 TBA (**Shramov/Cheltsov/other**)
- 12:00 **Fujino Osamu** *Theory of non-lc ideal sheaves*
- 14:00 **Nikos Tziolas** *Q -Gorenstein deformations of nonnormal surfaces*
- 15:00 Tea in the Mathematics Common Room
- 16:00 **Christopher Hacon** (2) *On the existence of flips*

Wednesday 19th December 2007 - Talks in Lecture Room B3.02

- 10:30 Coffee in the Mathematics Common Room
- 10:30 TBA **James McKernan/Caucher Birkar?**
- 12:00 Problem session
- 14:00 TBA
- 15:00 Tea in the Mathematics Common Room
- 16:00 **Christopher Hacon** (3) *On the existence of flips*
- Dinner

If you have any questions during the Workshop please see Yvonne Collins in Room B1.37 which is opposite the Common Room

For further information on these and other events see: www2.warwick.ac.uk/fac/sci/math/research/events/2007_2008/
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