Warwick
Mathematics Research Centre
WAG 07-08 Workshop on
Algebraic surfaces and symplectic 4-manifolds
Thursday 7th–Tuesday 12th February 2008
Organisers: Alessio Corti, Gavin Brown and Miles Reid

Programme (subject to adjustments)
The Lecture Rooms are indicated in red and are in the Zeeman Building

Thursday 7th February 2008

from 10:00	Coffee and Registration
13:40	Geometry and Topology Seminar in Room B1.01
	Gabriele Mondello (Imperial) *Triangulated Riemann surfaces and the Weil-Petersson Poisson structure*
15:00 in B1.01	Graduate lecture: **Stephen Coughlan** (Warwick) *Key variety for surfaces with $p_g = 1$, $K^2 = 2$*
16:00	Tea in the Mathematics Institute Common Room
16:30 in B1.01	First conference lecture: **Ingrid Bauer** (Bayreuth) *Fundamental groups of quotients of products of curves, and some surfaces with $p_g = q = 0$*
18:30	Hot buffet in the Mathematics Institute Common Room

Friday 8th February 2008

10:00-11:00 (sharp) in B1.01	**Fabrizio Catanese** (Bayreuth) *Moduli spaces of bidouble covers of the quadric. Deformation types, differentiable types, braid monodromy types and symplectic types (I)*
11:00	Coffee in the Mathematics Institute Common Room
12:00 in B3.02	**Christian Liedtke** (Düsseldorf) *Classification of surfaces on the Noether lines in positive characteristic*
14:00 in B1.01	**Mohammed Abouzaid** (MIT) *Tropical geometry and the symplectic geometry of hypersurfaces in toric varieties*
15:00	Tea in the Mathematics Institute Common Room
16:00 in B3.02	Department Colloquium **PARK Jong-il** (Seoul National University) *New symplectic 4-manifolds and algebraic surfaces*
17:00	Wine and snacks in the Mathematics Institute Common Room
19:00	Dinner at Ally's Balti (Indian restaurant) in Earlsdon

Saturday 9th February 2008

10:30 in B3.02	**Ernesto Mistretta** (Bayreuth) *Surfaces with $\chi = 1$ and isotrivial fibrations*
12:00 in B3.02	**KEUM JongHae** (IAS, Korea) *Cyclic quotients of fake projective planes*
	Lunch at Wing Wah

Monday 11th February 2008

10:00	Coffee in the Mathematics Institute Common Room
11:00-12:00 (sharp) in MS.04	**LEE Yongnam** (So Gang University) *A simply connected surface of general type with $p_g=0$ and $K^2=2$, I*
12:00 in B3.02	**Michael Loenne** (Bayreuth) *Moduli spaces of bidouble covers of the quadric. Deformation types, differentiable types, braid monodromy types and symplectic types (II)*
14:00 in B3.02	**Stavros Papadakis** (IST, Lisbon) *Unprojection and surfaces with $p_g = 5$, $K^2 = 12$*
15:00	Tea in the Mathematics Institute Common Room
17:00 in B3.02	**PARK Jong-Il** (Seoul National University) *A simply connected surface of general type with $p_g=0$ and $K^2=2$, II*
19:00	Dinner at the Clarendon House Hotel in Kenilworth

Tuesday 12th February 2008

10:00	Coffee in the Mathematics Institute Common Room
10:30 in B1.01	**Margarida Mendes Lopes** (IST, Lisbon) *Fundamental group of surfaces with $K^2 < 3\chi$*
12:00 in B1.01	**Elisa Tenni** (Warwick) *Surfaces with general pencils of genus 5 and 7*
13:00	Lunch in the Mathematics Institute Common Room

Friday 15th February 2008

16:00	Departmental Colloquium **Fabrizio Catanese** (Bayreuth) *A packing problem for automorphisms of Riemann surfaces and the slope of Kodaira fibrations*

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