Masterclass in Strasbourg

Around Torelli's theorem for K3 surfaces

Arithmetic, Geometric and Dynamical aspects

October 28-November 1, 2013

Pre-courses (Oct. 25-26)

Main lectures :

Torelli theorem for K3 surfaces
Samuel Boissière (Poitiers)

Hyperkähler manifolds and counter-examples to Torelli's theorem
Christian Lehn (Paris), Gianluca Pacienza and Pierre Py (Strasbourg)

The crystalline Torelli theorem for supersingular K3 surfaces, and unirationality of K3 surfaces
Christian Liedtke (Munich)

Dynamical properties of K3 surface automorphisms
Julien Grivaux (Marseille)

Special lectures : *Misha Verbitsky (Moscow)*

Image : A. Sarti

Organizers: C. Lehn, G. Pacienza, P. Py.

To register send an email to masterclassk3 at gmail.com and indicate one person of reference (thesis advisor for instance).
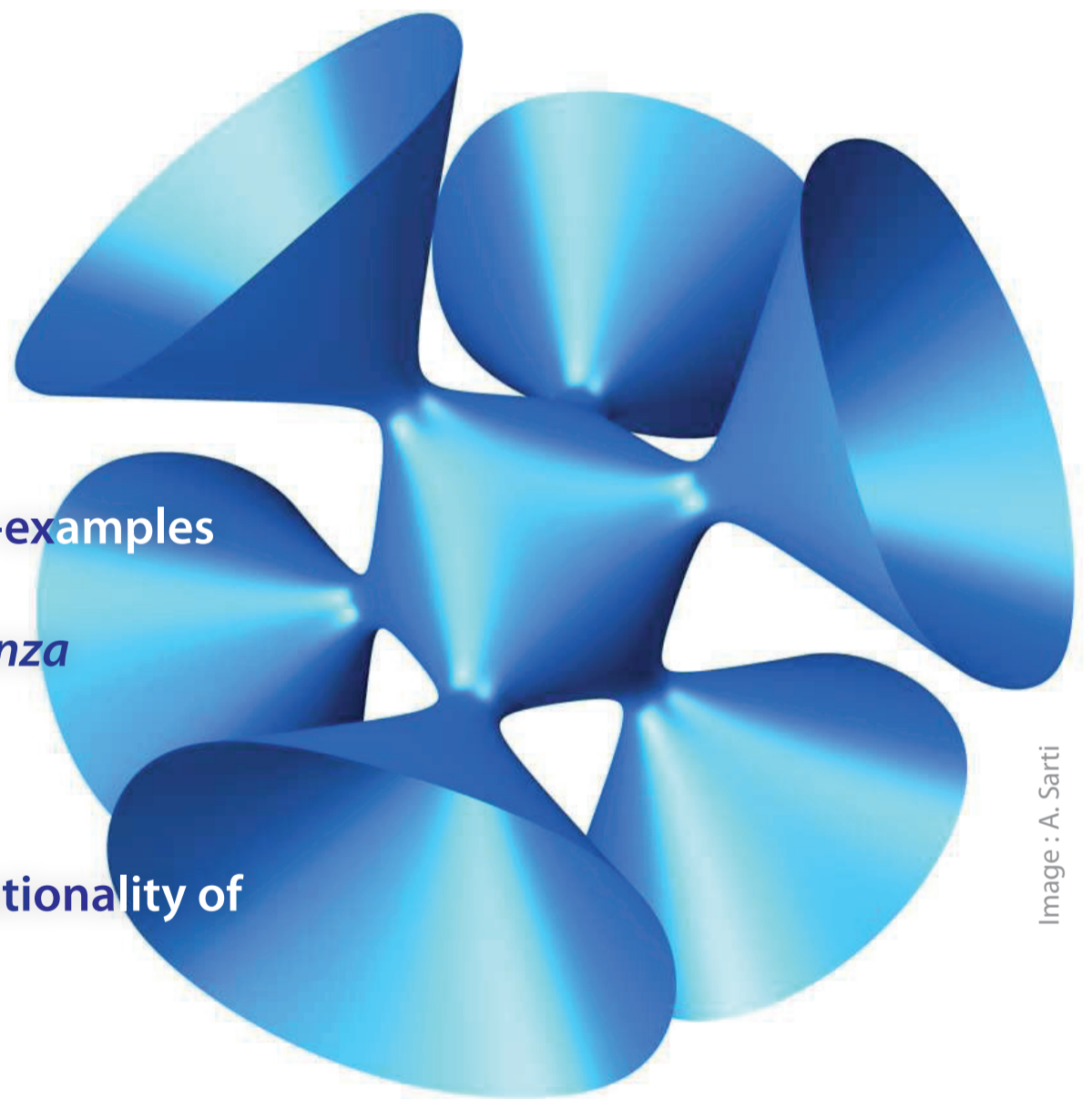
http://www-irma.u-strasbg.fr/~py/homek3.html

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