

Perspectives on Complex Algebraic Geometry

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Perspectives on Complex Algebraic Geometry

May 22-25, 2015

Columbia University

The workshop "Perspectives on Complex Algebraic Geometry" will be held at Columbia University, from May 22 to May 25, 2015. ([poster](#))

This workshop will survey recent developments in the field of complex algebraic geometry, with a focus on the following three themes: The topology and geometry of algebraic surfaces and 4-manifolds, Vector bundles and G-bundles, and Geometric applications of Hodge theory.

The workshop celebrates the achievements and influence of Robert Friedman, on the occasion of his 60th birthday.

Speakers

- D. Arapura (Purdue)
- A. Beauville (Universite de Nice)
- F. Catanese (Universitat Bayreuth)
- H. Clemens (Ohio State)
- R. Donagi (University of Pennsylvania)
- S. Donaldson (Imperial College)
- P. Engel (Columbia)
- P. Griffiths (IAS)
- J. Harris (Harvard)
- D. Huybrechts (Universitat Bonn)
- R. Laza (Stony Brook)
- E. Looijenga (Universiteit Utrecht and Tsinghua University)
- R. Miranda (Colorado State)
- J. Morgan (Simons Center for Geometry and Physics)
- D. Morrison (UC Santa Barbara)
- N. Shepherd-Barron (King's College London)
- E. Witten (IAS)

Organizers Sebastian Casalaina-Martin, Johan de Jong, Radu Laza, John Morgan, Michael Thaddeus

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