Recent Developments in Higher Dimensional Algebraic Geometry

Invited Speakers

A. Bondal  STEKLOV MATHEMATICS INSTITUTE, MOSCOW
A. Corti  IMPERIAL COLLEGE, LONDON
R. Lazarsfeld  UNIVERSITY OF MICHIGAN, ANN ARBOR
Y. Kawamata  UNIVERSITY OF TOKYO
J. McKernan  UNIVERSITY OF CALIFORNIA, SANTA BARBARA
S. Mukai  RIMS, KYOTO
M. Mustaţă  UNIVERSITY OF MICHIGAN, ANN ARBOR
A. Pukhlikov  UNIVERSITY OF LIVERPOOL
K. Smith  UNIVERSITY OF MICHIGAN, ANN ARBOR
J. Starr  MIT, BOSTON

Conference/workshop abstract: Birational geometry and topics related to the minimal model program. Of special interest are new developments concerning derived categories of coherent sheaves, Fano varieties, Mori-Fano fiber spaces, the explicit geometry of threefolds, minimal log discrepancies, new points of view on singularities, and rational curves on varieties.

For more information visit our web site: http://www.mathematics.jhu.edu/new/jami/Jami2006.htm

Financial support might be available. Mathematics post doctoral fellows and graduate students are encouraged to apply.

Support for this conference is provided in part by the National Science Foundation, the Japan Society for the Promotion of Science, and The Department of Mathematics at JHU.