

MINIMAL VARIETIES IN GEOMETRY AND PHYSICS

A CONFERENCE ON THE OCCASION OF BLAINE LAWSON'S 60TH BIRTHDAY

Department of Mathematics
Institute for Mathematical Sciences
Stony Brook, New York
June 1-June 7, 2002

Progress in the study of minimal varieties has had a profound impact on numerous areas of geometry and physics. This conference will bring together mathematicians and physicists working on minimal varieties and their applications.

Conference main themes:

- Minimal Submanifolds in Riemannian Spaces
- Calibrated Geometry
- Complex Subvarieties–Algebraic Cycles
- The Dirac Operator

Conference minicourses: Minimal Surfaces in 3-manifolds; M-theory and Calibrations; Algebraic Cycles.



Confirmed Speakers:

Spencer Bloch, Jean-Pierre Bourguignon, Robert Bryant, Jeff Cheeger, Sergey Cherkis, Tobias Colding, Daniel Dugger, Eric Friedlander, Henri Gillet, Herman Gluck, Phillip Griffiths, Mikhael Gromov, Reese Harvey, David Hoffman, Paulo Lima-Filho, Robert MacPherson, William Meeks, William Minicozzi, Robert Osserman, George Papadopoulos, Martin Roček, Jonathan Rosenberg, Rick Schoen, Isadore Singer, Gang Tian, Cumrun Vafa

Scientific Committee: J.-P. Bourguignon, R. Bryant, J. Cheeger, E. Friedlander, B. Mazur, M. Gromov, R. Harvey, P. Lima-Filho, I. Singer, G. Tian, S.-T. Yau.

Organizing Committee: M. Anderson, D. Gromoll, C. LeBrun, M. Roček, A. Phillips, S. Simanca.



We will have funds to support a number of participants, particularly graduate students and postdocs. You can apply for support at <http://www.math.sunysb.edu/varieties>, or via email as below. Applications from graduate students and postdocs should be backed by one recommendation letter. Persons requiring disability accommodations should send email to varieties@math.sunysb.edu. The State University of New York at Stony Brook is an affirmative action/equal employment opportunity educator and employer.

This event is sponsored by the James H. Simons Math-Physics Endowment and the National Science Foundation.