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.
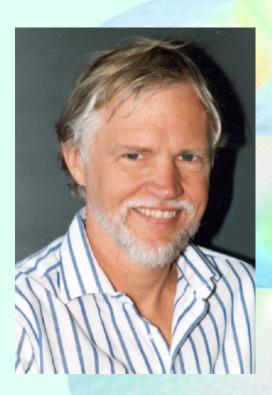
Conference main themes:
- Minimal Submanifolds in Riemannian Spaces
- Calibrated Geometry
- Complex Subvarieties–Algebraic Cycles
- The Dirac Operator

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.

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