



GEOMETRIC and **ALGEBRAIC**

STRUCTURES in **MATHEMATICS**

A Conference to celebrate DENNIS SULLIVAN'S 70th birthday
STONY BROOK UNIVERSITY MAY 26 - JUNE 4, 2011

Mini-courses: *Rational homotopy theory*
QFT and string theory *Renormalization*
Sullivan's Dictionary
Rough Geometry *Fluid Dynamics*
Diffeomorphism groups from a homotopical viewpoint

Scientific Committee:

Artur Avila, Dick Canary, Kevin Costello, Bruce Kleiner, Misha Lyubich, Ib Madsen, John Milnor, John Morgan, Curt McMullen, Alexander Shnirelman, Jim Stasheff

Local organizers: Araceli Bonifant, Joshua Bowman, Misha Lyubich, Scott Sutherland



SIMONS FOUNDATION



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Information: <http://www.math.sunysb.edu/dennisfest>