

Computational and Conformal Geometry

Workshop at SUNY Stony Brook

April 20-22, 2007

There will be a three day workshop at the mathematics department of Stony Brook University on April 20-22 (Friday-Sunday), funded by an NSF grant on the interactions of mathematics and computer science. The organizers are Chris Bishop (Stony Brook) and Stephen Vavasis (Waterloo). The list of speakers includes

David Mumford	Joe Mitchell	Tobin Driscoll	Marshall Bern
Don Marshall	Jack Snoeyink	Ilya Binder	David Hamilton
Alan Saalfeld	Ken Stephenson	David Gu	Chris Bishop
	Vladimir Markovic	Lehel Banjai	

The topics represented by the speakers include circle packings, computational geometry, meshing, cartography, pattern recognition, theoretical and numerical conformal mappings, quasiconformal mappings, Riemann surfaces and hyperbolic geometry. The speakers are drawn roughly one third each from pure mathematics, applied mathematics and computer science. All speakers have been encouraged to give expository talks which emphasize open problems with the idea of fostering new collaborations between these areas. There is no registration fee, but please let us know by email (ccg2007@math.sunysb.edu) if you are interested in coming to any talks, so we have a rough idea of how many people to expect. Titles, abstracts and a schedule will be posted on www.math.sunysb.edu/~ccg2007. This page also contain some information on local hotels and transportation.

