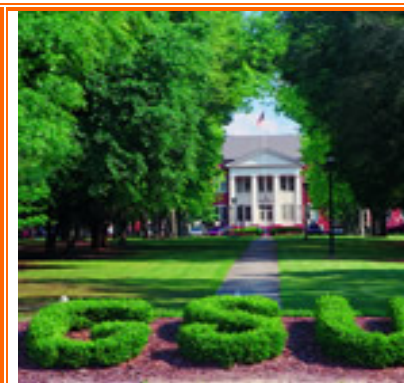
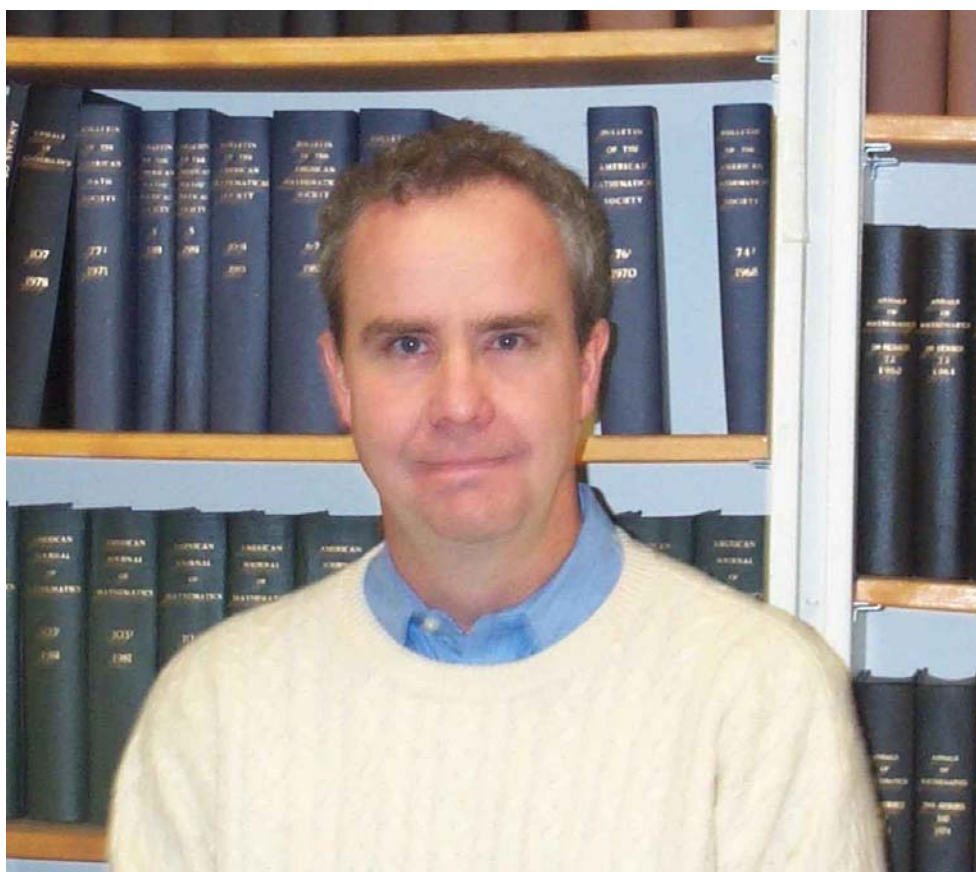




Department of Mathematical Sciences Georgia Southern University



2009 Distinguished Lecture



Christopher Sogge

- Professor, Johns Hopkins University
- Chief Editor, American Journal of Mathematics
- Presidential Young Investigator Award
- Guggenheim Fellow

Title: *Blowup Rates for Eigenfunctions and Quasimodes*

Date: Wednesday, February 25, 2009, 6:00 p.m. - 7:00 p.m.

Venue: College of Education Auditorium, GSU

Admission is free. All are welcome!

(Refreshments will be available at 5:30 p.m.)

Sponsors: Allen E. Paulson College of Science and Technology and
Department of Mathematical Sciences, GSU

For additional information, please visit: <http://math.georgiasouthern.edu/math/seminar>

Biography: Professor Christopher Sogge received his PhD from E.M. Stein at Princeton University in 1985. He has been an NSF Postdoctoral Fellow (1985-1988), a Sloan Research Fellow (1988-1989), a Guggenheim Fellow (2005-2006), and a recipient of a Presidential Young Investigator Award (1988-1993). He has held positions at the University of Chicago (1985-1989) and UCLA (1989-1996), and he currently is a Professor at the Johns Hopkins University.

Professor Sogge's research interests include Fourier analysis, partial differential equations, and geometry. He was an invited speaker at the prestigious International Congress of Mathematicians (ICM), Zurich, 1994. Since 2004, Sogge has teamed up with some leading figures in the field, to tackle a 200 year-old question: How does the shape of drums influence the frequency and geometry of their vibrations when they are struck? In Today's talk Sogge will address the mathematical understanding of nonlinear waves in geometric and physical situations, from atoms to molecules and to universe.