



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

Colloquium

Dr. Zhen Lei
Fudan University & IAS

“Global well-posedness of incompressible elastodynamics
in 2D”

Abstract:

I will report our recent result on the global wellposedness of classical solutions to system of incompressible elastodynamics in 2D. The system is revealed to be inherently strong linearly degenerate and automatically satisfies a strong null condition, due to the incompressible constraint.

Wednesday, May 7th, 2014

Surge 284

Tea Time: 3:40 p.m. / Talk: 4:10 – 5:00 p.m.