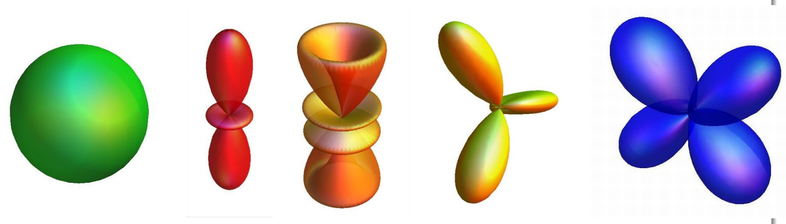
Recent Understanding in Harmonic Maps

December 6, 2012

The City University of New York

Symposium

Harmonic maps are mappings between Riemannian manifolds which are critical points of the Dirichlet energy functional. Examples of harmonic maps include geodesics, harmonic functions, minimal surfaces, and many others. Applications of harmonic maps are vast, and they remain an intensely active topic of research for both pure and applied mathematics. This one-day event, the eighth of a symposium series at the Graduate Center of CUNY, aims to explore recent developments and future directions in harmonic map theory.



*picture from http://www.maths.gla.ac.uk/

TIME AND LOCATION

- Time: 9:30 am - 4:00 pm, December 6th, 2012.
- Location: Science Center, Room 4102

Travel

- The Graduate Center of CUNY is located at 5th Ave. and 34th St. on Manhattan
- Some funding available for graduate students in nearby institutions (Stony Brook, Rutgers, Princeton, etc). Please contact the organizers.

INVITED SPEAKERS

- John Bolton, Durham University, United Kingdom
- Fanghua Lin, Courant Institute, NYU
- Tristan Rivière, ETH, Switzerland
- John C. Wood, University of Leeds, United Kingdom

SCHEDULE (all talks in Room 4102)

- 9:30 am - 10 am: Coffee
- 10 am - 11 am: Tristan Rivière
- 11:15 am - 12:15 pm: Fanghua Lin
- 12:15 pm - 1:15 pm: Lunch break
- 1:15 pm - 2:15 pm: John Bolton
- 2:30 pm - 3:30 pm: John C. Wood
- 3:30pm - 4:30 pm: Discussion

ORGANIZERS

- Prof. Luis Fernandez, CUNY-Bronx, luis.fernandez01@bcc.cuny.edu;
- Prof. Zeno Huang, CUNY-CSI, zheng.huang@csi.cuny.edu
- Prof. Marcello Lucia, CUNY-CSI, mlucia@math.csi.cuny.edu

SPONSORS

This event is sponsored by: Initiative for the Theoretical Sciences at the Graduate Center of CUNY

and the CSI Provost's Research Scholarship.