Colloquium

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Thursday, October 24th
Room 608, 2925 Campus Green Drive
4:30 – 5:30 pm

Geometric variational problems: old problems and new approaches

I will describe new methods to deal with geometric variational problem (like minimal surfaces or harmonic maps and their flows with free boundary) in relation with recent analytic results on nonlocal equations. It offers a fruitful new formalism and allows to use the theory of integro-differential equations developed in the last years to get new results. Emphasis will be given on GMT aspects and some of their surprising consequences in these contexts. The talk will be accessible to a large audience and I will emphasize on developing some strategies for new directions of research and open problems in the field.

Refreshments will be served 3:45 – 4:15 pm in the same location
Room 608, 2925 Campus Green Drive

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