Summer School on Recent Advances in Mathematical Fluid Dynamics

University of Southern California

May 20, 2019 to May 24, 2019

Main courses

Non-uniqueness of weak solutions to the Euler and Navier-Stokes equations
Tristan Buckmaster (Princeton University)

Recent developments on water waves
Yu Deng (University of Southern California)

Recent developments in the theory of relativistic fluids
Marcelo Disconzi (Vanderbilt University)

Nonlinear dynamics of the Schrödinger equations with periodic boundary conditions
Emanuele Haus (University of Rome)

This summer school is aimed at graduate students and senior undergraduates who are interested in research in analysis and PDEs arising in fluid dynamics.

Application deadline for funding: March 10, 2019

For further information including application guidelines, see
http://dornsife.usc.edu/conferences/usc-summer-school-2019

Organizing Committee: Yu Deng, Juhi Jang, Igor Kukavica

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