

More information:

Registration:



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# 2018 NCTS Summer Course: Fluid, Water Wave and Phase Transition Problems

The goal of this course is multi-fold. First, we try to give students motivation of the study of fluid problems by introducing the modelling. Second, we introduce a very useful machinery in the research of phase transitions and give several important application. On the other hand, we also teach a very delicate mathematical technique concerning the regularity of compressible fluid equations newly introduced by Didier Bresch and Pierre-Emmanuel Jabin. Over all, we hope to give both motivation and teach delicate techniques in this course.

**Time :** 6/26-27, 7/2-4 10:00 - 12:00, 14:00 - 16:00, 2018

**Venue :** Room 440, Astro-Math Bldg., NTU

## Speaker:

Chun-Hsiung Hsia (National Taiwan University)

Jerry L. Bona (University of Illinois at Chicago)

Hongqiu Chen (University of Memphis)

Shouhong Wang (Indiana University)

## Organizers:

Chun-Hsiung Hsia (National Taiwan University)