

Date **2018.12.25**

Venue R202, Astro-Math Bldg., NTU

# NCTS One-day Workshop on Applied Mathematics

## Interplay of Data Science and Numerical PDEs

### Aim & Scope

In recent year, the subjects of data science and machine learning have tremendous impacts to many fields in science and engineering. On the other hand, numerical partial differential equations is an old subject, yet a fundamental tool to model the physical world and had great impact in the past. This one-day workshop brings researchers from various disciplines to see interplay of data science, machine learning and numerical partial differential equations.

### Invited Speakers

**Thomas Hou**

California Institute of Technology

**Chiu-Yen Kao**

Claremont McKenna College

**Jian-Guo Liu**

Duke University

**Qin Li**

University of Wisconsin-Madison

**Hau-Tieng Wu**

Duke University

### Organizers

**I-Liang Chern**

National Taiwan University

**Jann-Long Chern**

National Central University

**Thomas Hou**

California Institute of Technology

**Ming-Chih Lai**

National Chiao Tung University

