The Institute of Mathematical Sciences
The Chinese University of Hong Kong

IMS PDE Workshop (Part II)
August 25, 2023 (Friday)

Venue: G03, G/F, Academic Building No. 1, CUHK

09:00 – 09:10   REGISTRATION

09:10 – 09:15   Opening Remarks by **Professor Zhouping XIN** (The Chinese University of Hong Kong)

Session Chair: Professor Zhouping XIN
09:15 – 10:00   **Professor Dong LI** (The University of Hong Kong)
                  New multiplier estimates for optimal Gevrey regularity and applications

10:00 – 10:30   TEA

Session Chair: Professor Dong LI
10:30 – 11:15   **Professor Xu YUAN** (The Chinese University of Hong Kong)
                  Construction of multi-solitons for the energy-critical wave equation

Session Chair: Professor Yinbin DENG
11:15 – 12:00   **Professor Huicheng YIN** (Nanjing University)
                  On the long time smooth solutions to nonlinear wave equations with small initial data of non-compact supports

12:00 – 14:00   LUNCH

Session Chair: Professor Xu YUAN
14:00 – 14:45   **Professor Chenyun LUO** (The Chinese University of Hong Kong)
                  Recent developments in compressible water waves

Session Chair: Professor Huicheng YIN
14:45 – 15:30   **Professor Chunjing XIE** (Shanghai Jiao Tong University)
                  Analysis on the rigidity for steady solutions of Navier-Stokes system

15:30 – 15:45   GROUP PHOTO

15:45 – 16:15   TEA

Session Chair: Professor Xiongfeng YANG
16:15 – 17:00   **Professor Tao LUO** (City University of Hong Kong)
                  Resolvent problem for compressible Navier-Stokes equations with free surface

18:00   BANQUET

Last updated: 18 Aug 2023