香港數學學會
The Hong Kong Mathematical Society

(Founded in 1979)

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The Hong Kong Mathematical Society
c/o Department of Applied Mathematics
The Hong Kong Polytechnic University
Kowloon, Hong Kong

Announcement of the 2024 HKMS Awards

The 2024 HKMS Young Scholars Award

> ### Selection Committee Members
> - Ngai-Ming Mok (HKU, Chair)
> - Chi-Wang Shu (Brown University)
> - Zhouping Xin (CUHK)
> - Shou-Wu Zhang (Princeton University)

> ### Awardees (in the alphabetical order of family name)
> - ### Chenchen Mou (CityU)
>   For his significant contributions on the global in time well-posedness of solutions the master equations for the Mean Field Games.
>
> - ### Xiaolu Tan (CUHK)
>   For his significant contribution to the theory and numerical approximation in stochastic optimal control, stochastic analysis, and financial mathematics.
>
> - ### Zhu Zhang (PolyU)
>   For his important contributions on the studies of boundary layers in fluids and large solutions to the Boltzmann equations.

The 2024 HKMS Best Thesis Award

- ➢ **Selection Committee Members**
  - Tuen Wai Ng (HKU)
  - Defeng Sun (PolyU)
  - Jun Zou (CUHK)
- ➢ **Awardees** (in the alphabetical order of family name)
  - **Genming Bai (PolyU)**
    Supervisor: Buyang Li
    Thesis Title: Stable and convergent numerical methods for geometric and physical PDES
  - **Fuqun Han (CUHK)**
    Supervisor: Jun Zou
    Thesis Title: Direct Sampling Methods for Recovering Inhomogeneous Inclusions of Different Nature and Inverting the Radon Transform
  - **Yu Tong Yau (CUHK)**
    Supervisor: Naichung Conan Leung
    Thesis Title: Berezin-Toeplitz Quantization in Real Polarizations and Brane Quantization on HyperKahler Manifolds