

Postdoctoral Position in Mathematical Data Science

The Institute of Data Science at The University of Hong Kong is seeking applications for a Postdoctoral Research Fellow position in mathematical data science. Potential research topics include theoretical analysis and algorithmic design for deep neural networks, diffusion-based generative models, sampling or decision-making under uncertainty. This is a full-time position with a fixed-term contract of 2 years. The successful candidate will conduct research with and jointly supervised by Dr. Man-Chung Yue and Dr. Difan Zou. More information about the research of the supervisors can be found on their websites:

- Dr. Man-Chung Yue <https://manchungyue.com/>
- Dr. Difan Zou <https://difanzou.github.io/>

Exceptionally strong candidates could also consider the HKU IDS Postdoctoral Research Fellowship. Details about the Fellowship can be found at

<https://datascience.hku.hk/research/postdoctoral-fellowship/>.

The newly established Institute of Data Science (<https://datascience.hku.hk/>) at The University of Hong Kong studies all aspects of theoretical and applied data science and provides an excellent environment for data science researchers, with many opportunities to collaborate with leading experts from different areas. Faculty members regularly publish in internationally highly regarded journals and conferences.

Requirements

- A PhD degree in a relevant discipline (e.g., Mathematics, Computer Science, Statistics)
- Solid mathematical background, research experience related to PDEs, stochastic processes, and/or differential geometry is especially preferred
- Proficiency in written and spoken English
- Self-motivated and hardworking
- Proven publication record

To Apply or Inquire

Please send an email along with your CV to both of the following addresses:

- Dr. Man-Chung Yue mcyue@hku.hk
- Dr. Difan Zou dzou@hku.hk