

國立中山大學應用數學系

學術演講

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講題：Showcase of Making Deep Networks Explainable
時間：2022/04/21 (Thursday) 14:10 ~ 15:00
地點：理 SC 4009-1 室(視訊演講並行)
Google Meet Link：<https://meet.google.com/yru-tpcb-yte>



Abstract

Recent advances in deep learning have brought the magic leap to various research areas, such as computer vision and natural image processing. However, these deep models are typically treated as powerful black boxes to transfer from the input data to the output prediction while being non-explainable or uninterpretable for our human users. Therefore, finding ways to decipher the physical meanings behind these deep models become a crucial but challenging problem. In this talk, I will try to showcase two recent works from my research group for making deep models more explainable or interpretable, with special focuses on two applications: image-to-image translation for medical images, and monocular depth estimation. We hope such attempts would bring audience inspirations or different perspectives for developing deep learning techniques.

敬請公告！歡迎參加！

應用數學系：<http://math.nsysu.edu.tw>

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