

## 2023 IUPAP Early Career Scientist Award in Medical Physics



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*“For his contributions to the fields of clinical radiotherapy dosimetry, quality assurance, modelling and the application of artificial intelligence.”*

**Hong Qi Tan** completed his PhD in National University of Singapore (NUS) in 2018 and a B.Sc (First class Hons) Physics from NUS in 2013. He joined National Cancer Centre Singapore (NCCS) in 2018, completed the clinical residency in 2020 and is currently a senior medical physicist in the department of radiation oncology. He is also a clinical instructor in Duke-NUS medical school. In NCCS, he was awarded the IAEA fellowship for attachment to Korea National Cancer Centre in 2022, won the SingHealth AHP young discoverer award in 2021 and SEAFOMP Young Leader award in 2023. He is currently leading the medical physics research group in NCCS with research interests in proton dosimetry, adaptive radiotherapy and application of artificial intelligence in radiation oncology. He has published over 50 peer-reviewed papers and has received research grants of value over 400,000 USD over the past 4 years. He is also currently helping to set up a second major in medical physics in Nanyang Technological University to enhance medical physics education in Singapore.