



The Radiological and Medical Physics Society of New York
and
The Greater New York Chapter, Health Physics Society
Present:



FAILLA MEMORIAL LECTURE - Honoring Chen-Shou Chui, PhD

Particle therapy in Taiwan

Wednesday, February 23rd, 2022

8 PM 2/23/2022, Online via ZOOM

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Chen-Shou Chui, PhD



Prof. Chen-Shou Chui received his PhD degree in Applied Physics and Nuclear Engineering from Columbia University in New York City. He started his career in medical physics in 1979 when he joined Memorial Sloan-Kettering Cancer Center (MSKCC) initially as a computer programmer and gradually rose to the rank of attending physicist and member of Memorial Sloan-Kettering Cancer Center.

His work focused on the applications of computers in radiation therapy and radiation dosimetry, including the development of computer treatment planning systems, advanced dose calculation methods, and applications of Monte Carlo methods. In the 1990s, he and his PhD student Spiridon Spirou worked on “intensity-modulated radiation therapy” and successfully implemented it in the clinic, leading to the first delivery of IMRT using a Varian multileaf collimator at MSKCC on September 17, 1995.

He was appointed head of Radiation Dosimetry Laboratory from 1989 to 1994, and chief of Computer Service from 1995 to 2006, both at MSKCC. In 2006, Prof. Chui returned to his native land in Taiwan, where he served as the Director of Medical Physics at Sun Yat-Sen Cancer Center in Taipei until his retirement in 2015. During his tenure in Taiwan, Prof. Chui has been active in medical physics education and research. He was elected President of the Chinese Society of Medical Physics, Taipei (CSMPT) in 2008 and continued to serve on the board.

Prof. Chui had published more than 100 articles in peer review journals and written 15 book chapters. He received Farrington Daniels awards of the Medical Physics journal (1987, 1989), and awards for excellence of the Journal of Applied Clinical Medical Physics (2002, 2004).

Prof. Chui was elected a Fellow of AAPM in 2000. He is the recipient of Lifetime Achievement Award from CSMPT, and Outstanding Medical Physicist Award from AFOMP (Asia Oceania Federation of Organizations for Medical Physics), both in 2020.