



Mischa Hoogeman

Prof. dr. Mischa S. Hoogeman is Head of Medical Physics at HollandPTC and of the Department of Radiotherapy at Erasmus MC. Currently, he is also the Chair of Research & Education at HollandPTC (ad interim). Since 2017 he has been appointed professor of High-Precision and Adaptive Radiotherapy at Erasmus University Rotterdam, and since 2019 he holds a similar position at Delft University of Technology. In 2020, he was appointed Medical Delta Professor. The overarching goal of his research is to broaden the therapeutic window through the development, implementation and evaluation of high-precision adaptive radiotherapy techniques. Research is being conducted in photon and proton radiotherapy. With respect to proton therapy, his interests lie in probabilistic treatment planning, online adaptive proton therapy, and ultra-high dose rate proton therapy for FLASH.

Mischa Hoogeman studied experimental physics at the University of Amsterdam. He continued his education as Ph.D. student at the Institute for Atomic and Molecular Physics (Amolf) studying atomic-scale dynamics of crystalline surfaces with variable-temperature scanning tunnelling microscopy. He obtained his Ph.D. in 1998 at Leiden University. After a Postdoc at the NKI-AVL, Mischa Hoogeman received his Medical Physics training at the NKI-AVL and Erasmus MC.