

BIO Dr. Christina Vallgren



Co-founder & CEO of Terapet SA, a Geneva-based CERN spin-off in medtech, specializing in the development and manufacturing of innovative nuclear medicine imaging systems.

PhD in Applied Physics, MSc in Nuclear Physics and MBA (MSc Industrial Economics and Management), PMP (Project Management Professional).

Before coming to CERN, Christina earned a MSc degree in nuclear physics from Chalmers University of Technology, Sweden and was summer student at CERN in 2007.

Right after her degree in nuclear physics, Christina came to CERN in 2008 for a PhD in applied physics. Since then, she has been spending the last 12 years at CERN. She was staff physicist and the main

responsible for the LHC (Large Hadron Collider, 27 km, the world's biggest accelerator), Beam Vacuum (the world's biggest vacuum system) Operation and has also been supervisor for five master students and two fellows. From time to time, she is also an active scientific journal referee for IEEE Transactions on Nuclear Science.

In 2019, she co-founded Terapet SA, a Geneva-based MedTech company together with Dr. Marcus Palm, a former CERN-physicist and Prof. Raymond Miralbell, former head of the Radiation Oncology Department at HUG and currently Medical Director at QuirónSalud, the first proton therapy facility in Spain.

Christina was nominated and awarded by the CERN Directors for the remarkable career trajectory from physics at CERN to medical/entrepreneurial fields in 2021. This was the first time CERN awarded their alumni for the impact they made after the career at CERN.