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## Medical Applications

*Monday 13 November 2017 17:15 (12 minutes)*

Using cyclotrons for medical purposes

Nancy holds a PhD from Aix-Marseille University. She did a post-doc at “Physikalisches Institut, Universität Bonn”. The whole time she worked on the ATLAS experiment. During her time at CERN (2009-2014), she focused on b-tagging measurements, precision measurements of the Standard Model with the top quark, as well as the search of the Higgs boson decaying into two b-quarks.

Since 2014, she is working for PMB-ALCEN, as a particle physicist and project manager, in south of France. She is in charge of particle-matter interaction simulations for the conception of the head of linear electron accelerators, for medical and imaging purposes, X-rays targets and PET targets, and shielding conception for Linacs and cyclotrons.

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**Session Classification:** Presentations