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Chasing cosmic tau neutrinos in the abyss

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Citation

Bormuth, R. (2017, December 7). *Chasing cosmic tau neutrinos in the abyss*. *Casimir PhD Series*. Retrieved from <https://hdl.handle.net/1887/56023>

Version: Not Applicable (or Unknown)

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Title: Chasing cosmic tau neutrinos in the abyss

Issue Date: 2017-12-07

ABOUT THE AUTHOR

Robert Bormuth was born in the town of Heppenheim at the 29th of December 1986. After finishing the first class of elementary school in the town of Bickenbach, a move of the family to the town of Kelsterbach saw him finishing elementary school at the Bürgermeister Hardt Schule in 1997.

After elementary school he transferred to the Schloss Gymnasium in Mainz where he graduated with his Abitur in 2006. Before continuing on to study at university, he performed an almost year long civil service at the children hospital of the Universitäts Klinik Mainz.

Robert then decided to study physics at the Johannes Gutenberg Universität Mainz. During his studies he was involved with the student council for three years. He finished his physics studies with a Diploma on the topic of $\gamma\gamma \rightarrow \pi^+\pi^-\pi^0$ at the BES-III detector with Professor A. Denig in 2012.

The desire to stay in science and to experience a foreign culture triggered a search for a PhD position abroad, which resulted in the PhD position in the KM3NeT group of the Nikhef. During the PhD not only did he work on the string prototype and the tau neutrino reconstruction, but was also involved in PMT and DOM testing as well as some work on a reconstruction code for ORCA. In addition to supervising bachelor and master students, he attracted and supervised two German students for an internship organized via the DAAD.

ACKNOWLEDGMENTS

First and foremost I want to thank my supervisor Dorothea F. E. Samtleben for her involvement during my promotion and in the making of this thesis. Her willingness to improve on our communication and working habits to make them as positive and effective as they can be never ceased throughout my PhD. In addition, her almost permanent availability and scientific knowledge have been much needed support.

Secondly, I want to thank my promotor Maarten de Jong. His door was always open for any questions I had during my promotion and the depth and directness of any discussion we had always set me on the right track.

In addition to these two, the support I received from the KM₃NeT and Antares group at Nikhef has been substantial to this thesis, thank you to all past and present members of the group: Aart, Arjen, Bas, Bram, Bruno, Claudio, Daan, Erwin, Eline, Els, Ernst-Jan, Freek, Jacqueline, Jorinde, Karel, Lodewijk, Martijn, Mieke, Niklas, Paul, Rasa, Ronald, Stephan, Thomas, Tino and Tri. You helped to make this thesis reality.

I also want to thank the whole KM₃NeT collaboration. Many a member worked hard to lay the ground work this thesis is based upon, from hardware to software. Also, thank you all for making our meetings so fruitful and greatly enjoyable. Special thanks go to Clancy and Rodrigo for working so hard to get the tau simulations working.

My parents and family deserve a special thank you, as their constant support made me go into science and never made me falter during my dissertation.

Last but not least I want to thank my partner Ulrike for her support and open ear during my research and especially her support during the writing of the thesis itself. You always kept me optimistic and listened to my problems.

Robert Bormuth