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Advances in computational methods for Quantum Field Theory calculations

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CURRICULUM VITAE

Ben Ruijl was born in Geleen, the Netherlands on 9 November 1989. He graduated cum laude from the Graaf Huyn College in 2008. Pursuing deeper knowledge of physics, he obtained his Bachelor degree in Physics and Astronomy in 2011 from the Radboud University Nijmegen. He graduated cum laude with a Master's degree in Theoretical Particle Physics in 2013 from Radboud University Nijmegen.

Ben's interests are not limited to physics. He spent a considerable amount of his spare and professional time programming and solving combinatorial problems. A PhD research position in the project HEPGAME, which tries to apply artificial intelligence methods to problems in high energy physics, presented an ideal match. In 2013 Ben joined the project. The PhD research was conducted at Nikhef Amsterdam, and the Leiden Institute for Advanced Computer Science of Leiden University.