

About the author



Stefan Wil Tabernig was born on April 1st 1994 in Lienz (Austria). He grew up in Gwabl (Ainet), a mountain village in the Austrian alps. He completed the science track at the local Gymnasium (high school) in 2012 and joined the Austrian Armed Forces for one year after that. Right after the army, he started studying physics at the Graz University of Technology and the University of Graz. He completed his Bachelor's degree in 2016, and moved to Amsterdam. There he obtained a Master's degree in Advanced Matter and Energy Physics from the University of Amsterdam and the Vrije Universiteit Amsterdam in 2018. During the work on his thesis, titled "Förster resonance energy transfer from PbS quantum dots to silicon: The missing link towards singlet fission solar cells", he got interested in the field of photovoltaics. This led him to pursue a PhD in the same field, at the research institute AMOLF in Amsterdam. His research, which culminated in a PhD thesis titled "Charge Carrier Generation Management in Photovoltaics", focused on the interplay between optical charge generation and electronic charge extraction in solar cells that utilize nanostructures. During his research, Stefan was a long-term visiting student at the University of New South Wales (Sydney, Australia), and attended many international conferences, at which he was awarded two "best presentation" awards.

He enjoyed the relative diversity of his research projects the most, appreciating the interdisciplinarity that solar research requires and enables. Stefan further likes learning languages and fluently (B2+) speaks German, English, and Dutch, as well as intermediate Spanish, high school level Latin, and beginner level Chinese. In his free time, Stefan enjoys sunny weather, sports (specifically bouldering, hiking, scuba diving, and team sports), and travelling the not so well-known parts of the world.