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## Computational optimisation of optical projection tomography for 3D image analysis

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## Curriculum Vitae

Xiaoqin Tang was born on 30<sup>th</sup> 1988 in Sichuan, China, where she grew up and attended primary, middle and high school. In 2008, she continued her study at Southwest University in Automation (control) in Chongqing, the city she likes a lot and sees as her hometown in the sense of language and culture. At that university she got her bachelor degree there in 2012 with the thesis titled “Application of Internet of Things in Supermarket”. Followed by that, she started her master in Computer Application Technology at the same university. In line with her research interest, she joined the Multimedia Lab to do research in machine learning and video classification, supervised by Prof. Guoqiang Xiao. In 2015 she obtained her master degree with the thesis titled “Human Action Recognition Based on Global and Local Movement Features”. During her master study she obtained the first-grade scholarship. Supported by the Chinese Scholarship for a 4-year PhD study in the Netherlands, she started her career in Leiden University in 2015. During the PhD, she works on 3D imaging and image analysis in the Computational Bio-imaging group supervised by Prof. Fons Verbeek, providing computational and analytical solutions to researchers in drug discovery and biology. The techniques she has used for her research include image reconstruction, algorithm design, deep learning, statistical modelling and data visualization. She likes thinking ahead and providing predictive and analytical solutions for projects in different fields.

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# Acknowledgements

The journey towards an academic title in the Netherlands started with excitement and full passion. It was immediately followed by the language and culture barriers which were tough but interesting. The most enjoyable part for me to understand how people talk is trying to figure out the differences between English and Chinglish (Chinese English) at both language and culture level, which I am still learning and will continue doing in the future. The path to academic achievements is often combined with doubt and uncertainty, however exploration and confidence can always help to give a satisfying answer. I am glad that I made it so far and I am happy to share this moment. However, I would like to first express my sincere gratitude to my colleagues, friends and families.

First of all, I would like to thank my promoter Fons for his guidance, support, discussions and comments in microscopy imaging and image analysis. He is like a father who can always make you feel the freedom to explore, and at the same time encourage and support you to overcome the difficulties when you feel tired. As my supervisor, he also taught me how to be open-minded to people from different backgrounds and with different cultures. I would also like to thank my supervisor Guoqiang Xiao for supporting and guiding me to step into the researches in image analysis and machine learning. As my first academic tutor and mentor, he continuously inspires me to do the right thing with big efforts.

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Xiaoqin Tang

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