Cedric Scheerlinck

PhD Candidate

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EDUCATION

2017 – 2020 **PhD Candidate in Computer Vision, The Australian National University (ANU)**

2015, 2016 **Masters of Mechanical Engineering, The University of Melbourne**
Weighted Average Mark: 87% (H1)
Exchange semester ETH Zürich (2015) grade: 4.95

2012 – 2014 **Bachelor of Science, The University of Melbourne**
Weighted Average Mark: 84% (H1)

2010, 2011 **Secondary Education, The University High School**
Top 1.75 percentile

RESEARCH

09/2018 – 09/2019 **Research Visit, RPG, University of Zurich**
Principal Supervisor: Davide Scaramuzza
Co-supervisors: Guillermo Gallego
Image reconstruction, optical flow and deep learning with event cameras.

02/2017 – 02/2020 **PhD Candidate in Computer Vision, Australian National University**
Principal Supervisor: Prof. Robert Mahony
Co-supervisors: A/Prof. Nicholas Barnes, Prof. Tom Drummond
Image reconstruction, optical flow and deep learning with event cameras.

03/2016 – 11/2016 **Masters Group Project, The University of Melbourne**
Principal Supervisor: Prof. Andrew Ooi
Co-supervisors: Prof. Peter Barlis, Dr. Eric Poon
Computational fluid dynamics studies on 3D reconstructed coronary arteries.
Proceedings published in Australian Fluid Mechanics Conference 2016.

09/2015 – 12/2015 **Semester Project (Masters), ETH Zürich**
Principal Supervisor: Prof. Thomas Rösgen
Co-supervisor: Dr. Lukas Prochazka
Institute of Fluid Dynamics. Flow visualization in porous media using thermal imaging.

EMPLOYMENT

2017, 2018 **Tutor, The Australian National University**
Courses: ENGN4200, ENGN4221, ENGN8170

2016 **Tutor, The University of Melbourne**
Course: MCEN30014

2015 **Research Assistant, The University of Melbourne**
Supervisor: Dr. Jimmy Philip
Professor: Prof. Ivan Marusic
Designing and building an experimental setup to generate isotropic turbulence.

2011 – 2016	**Private Tutor** Mathematics, Physics, Chemistry, Biology

AWARDS AND SCHOLARSHIPS

2018-2019	Swiss Government Excellence Scholarship
2018	Research to Impact (CBR Innovation Network)
2017-2020	Australian Government Research Training Program Scholarship (AGRTP)
2017-2020	Postgraduate Research Scholarship (Australian Centre for Robotic Vision (ACRV))
2015, 2016	Dean's Honours List (top 5%), Melbourne School of Engineering (University of Melbourne)
2015	Melbourne Global Scholars Award (University of Melbourne - ETH Zürich)
2014	Dean's Honours List, Bachelor of Science (University of Melbourne)
2009	Associate in Music, Australia (piano) (AMEB)

PUBLICATIONS

1. C. Scheerlinck, N. Barnes, R. Mahony. (2018) Continuous-time Intensity Estimation Using Event Cameras. 14th Asian Conference on Computer Vision.
2. C. Scheerlinck, C. Mamon, T. Zahtila, W. Nguyen, E. Poon, V. Thondapu, C. Chin, S. Moore, P. Barlis and A. Ooi. (2016) Effect of Medical Imaging Modalities on the simulated blood flow through a 3D reconstructed stented coronary artery segment. 20th Australasian Fluid Mechanics Conference.
3. E. Poon, V. Thondapu, C. Chin, C. Scheerlinck, T. Zahtila, C. Mamon, W. Nguyen, A. Ooi and P. Barlis. (2016) Computational fluid dynamics comparisons of wall shear stress in patient-specific coronary artery bifurcation using coronary angiography and optical coherence tomography. APS Meeting Abstracts.

CERTIFICATES AND AFFILIATIONS

2017	Associate Fellowship of the Higher Education Academy (AFHEA)
2017	Principles of Tutoring and Demonstrating, ANU
2014 - Today	Member of Engineers Australia
2014	Education Officer, Melbourne University Mechatronics Society

REFERENCES

Available upon request.