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## Education

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019 - 2024 | Doctor of Philosophy (Cum Laude)<br>TECHNISCHE UNIVERSITEIT DELFT<br><i>Thesis:</i> “Isogeometric analysis of wrinkling”<br><i>Supervisors:</i> dr. M. Möller, dr. ir. J.H. Den Besten                                                                                                                                                                                                         |
| 2016 - 2019 | Master of Science in Maritime Technology (Cum Laude, Honours)<br>TECHNISCHE UNIVERSITEIT DELFT<br><i>Thesis:</i> “Modelling Wrinkling Behaviour of Large Floating Thin Offshore Structures: An application of Isogeometric Structural Analysis for Post-Buckling Analyses”<br><i>Supervisors:</i> prof. dr. ir. M.L. Kaminski, dr. ir. F.J. Vermolen, dr. M. Möller, dr. ir. J.H. Den Besten   |
| 2016 - 2019 | Master of Science in Applied Mathematics Technology (Cum Laude)<br>TECHNISCHE UNIVERSITEIT DELFT<br><i>Thesis:</i> “Modelling Wrinkling Behaviour of Large Floating Thin Offshore Structures: An application of Isogeometric Structural Analysis for Post-Buckling Analyses”<br><i>Supervisors:</i> prof. dr. ir. M.L. Kaminski, dr. ir. F.J. Vermolen, dr. M. Möller, dr. ir. J.H. Den Besten |
| 2013 - 2016 | Bachelor of Science in Maritime Technology (Cum Laude, Honours)<br>TECHNISCHE UNIVERSITEIT DELFT                                                                                                                                                                                                                                                                                               |
| 2006 - 2013 | Voorbereidend Wetenschappelijk Onderwijs<br>MAASWAAL COLLEGE WIJCHEN                                                                                                                                                                                                                                                                                                                           |

## Experience

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### Professional positions

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|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 2025-11 - Present | Post-Doctoral Researcher<br>TECHNISCHE UNIVERSITEIT EINDHOVEN<br>Department of Mechanical Engineering<br>Eindhoven, The Netherlands |
| 2024-11 - 2025-10 | Post-Doctoral Researcher<br>UNIVERSITÀ DI PAVIA<br>Dipartimento di Ingegneria Civile e Architettura<br>Pavia, Italy                 |

- 2023-11 - 2024-10      Post-Doctoral Researcher  
UNIVERSITÀ DEGLI STUDI DI FIRENZE  
Dipartimento di Matematica e Informatica 'Ulisse Dini'  
Florence, Italy
- 2023-11 - 2024-10      Post-Doctoral Researcher  
TECHNISCHE UNIVERSITEIT DELFT  
Maritime and Transport Technology  
Delft, The Netherlands (remote)

**Research visits**

- 2023-05 - 2023-06      Visiting PhD Student  
INRIA SOPHIA ANTIPOLIS-MEDITERRANEE (5 weeks)  
Sophia-Antipolis, France  
*Visiting:* dr. A. Mantzaflaris
- 2023-03 - 2023-04      Visiting PhD Student  
UNIVERSITÀ DEGLI STUDI DI FIRENZE (5 weeks)  
Florence, Italy  
*Visiting:* dr. C. Giannelli
- 2022-11                  Visiting PhD Student  
BUNDESWEHR UNIVERSITÄT MÜNCHEN (1 week)  
München, Germany  
*Visiting:* prof. dr. J. Kiendl
- 2022-06 - 2022-07      Visiting PhD Student  
INRIA SOPHIA ANTIPOLIS-MEDITERRANEE (3 weeks)  
Sophia-Antipolis, France  
*Visiting:* dr. A. Mantzaflaris
- 2021-11                  Visiting PhD Student  
INRIA SOPHIA ANTIPOLIS-MEDITERRANEE (5 weeks)  
Sophia-Antipolis, France  
*Visiting:* dr. A. Mantzaflaris
- 2021-10                  Visiting PhD Student  
JOHANNES KEPLER UNIVERSITÄT (1 week)  
Linz, Austria  
*Visiting:* dr. P. Weinmüller, dr. A. Farahat, dr. T. Takacs
- 2019-10 - 2019-12      Visiting PhD Student  
INRIA SOPHIA ANTIPOLIS-MEDITERRANEE (9 weeks)  
Sophia-Antipolis, France  
*Visiting:* dr. A. Mantzaflaris

**Voluntary work**

- 2022-04 - 2023-09      Founder and board member  
MARITIME TECHNOLOGY YOUNG PROFESSIONALS (MTYP)  
Delft, The Netherlands
- 2021-04 - 2023-09      Board member  
3ME PHD COUNCIL  
Delft, The Netherlands

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|-------------------|-------------------------------------------------------------------------------------------------|
| 2021-01 - 2023-01 | Chairman<br>SIAM STUDENT CHAPTER DELFT<br>Delft, The Netherlands                                |
| 2020-09 - 2023-04 | Student Lecturer<br>STICHTING OUD GELEERD JONG GEDAAN<br>Zuid-Holland, The Netherlands          |
| 2019-01 - 2020-01 | Executive Board Member<br>OUR OCEANS CHALLENGE<br>The Netherlands                               |
| 2017-04 - 2019-09 | Chairman, Commissioner of Education<br>SOCIETY OF MARITIME TECHNOLOGY<br>Delft, The Netherlands |

## Awards & Memberships

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### Awards

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|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025 | PhD Olympiad 2025 Winner<br>European Community on Computational Methods in Applied Sciences (ECCOMAS) -<br>Young Investigators Committee                    |
| 2024 | Biezeno Award for the best PhD Thesis in Solid Mechanics in the Netherlands<br>Royal Institute for Engineers (KIVI) & Engineering Mechanics Graduate School |
| 2023 | Best presentation in the session Advanced Discretization Methods<br>26th Engineering Mechanics Symposium 2023, Papendal, The Netherlands                    |
| 2021 | Best presentation in the session High-Performance Computing<br>24th Engineering Mechanics Symposium 2021, Papendal, The Netherlands                         |
| 2021 | SIAM Student Travel Award for the GD/SPM21 conference 2021<br>Society of Industrial and Applied Mathematics                                                 |
| 2019 | Maritime Students Award for the best MSc thesis in Maritime Technology<br>Koninklijke Nederlandse Vereniging van Technici op Scheepvaartgebied              |

### Memberships

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|----------------|----------------------------------------------------------------------------------------------------|
| 2021 - Present | Member<br>Open Science Community Delft (OSC Delft)<br>( <a href="#">link</a> )                     |
| 2020 - 2023    | Student member<br>Society of Industrial and Applied Mathematics (SIAM)<br>( <a href="#">link</a> ) |
| 2020 - 2023    | Student member<br>Engineering Mechanics research school<br>( <a href="#">link</a> )                |

## Publications

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### Theses

16. **H. M. Verhelst**, “Isogeometric Analysis of Wrinkling”  
*Doctor of Philosophy* (2023-12-22) Technische Universiteit Delft.  
([link](#))
15. **H. M. Verhelst**, “Modelling Wrinkling Behaviour of Large Floating Thin Offshore Structures: An application of Isogeometric Structural Analysis for Post-Buckling Analyses”  
*Master of Science* (2019-07-22) Technische Universiteit Delft.  
([link](#))

## Preprints

14. H.M. Verhelst, L. Greco, A. Reali, “Adaptive isogeometric analysis of high-order phase-field fracture based on THB-splines”. *arXiv:2602.21685*.  
([link](#))
13. H.M. Verhelst, A. Mantzaflaris, M. Möller, “Isogeometric multi-patch shell analysis using the Geometry + Simulation Modules”. *arXiv:2508.10648*.  
([link](#))

## Journal articles

12. L. Venta Viñuela, H.M. Verhelst, A. Mantzaflaris, C. Giannelli, A. Reali (2026). Effective phase-field modeling of the Cahn–Hilliard equation in 2D and 3D using a quasi-interpolation approach to adaptive isogeometric analysis with THB-splines. *Computer Methods in Applied Mechanics and Engineering*, 455, pp. 118855.  
([link](#))
11. J.-Y. Li, **H. M. Verhelst**, H. Den Besten & M. Möller (2026). IsoGeometric Suitable Coupling Methods for Partitioned Multiphysics Simulation with Application to Fluid-Structure Interaction. *Engineering with Computers*, 42.  
([link](#))
10. **H. M. Verhelst**, M. Möller & J. H. Den Besten (2025). A Wrinkling Model for General Hyperelastic Materials based on Tension Field Theory. *Computer Methods in Applied Mechanics and Engineering*, 441, pp. 117955.  
([link](#))
9. **H. M. Verhelst**, J. H. Den Besten & M. Möller (2024). An Adaptive Parallel Arc-Length Method. *Computers & Structures*, 296, pp. 107300.  
([link](#))
8. **H. M. Verhelst**, A. Mantzaflaris, M. Möller & J. H. Den Besten (2024). Goal-Adaptive Meshing of Isogeometric Kirchhoff-Love Shells. *Engineering with Computers*, pp. 1-28.  
([link](#))
7. L. Leonetti, **H. M. Verhelst** (2024). A hierarchic isogeometric hyperelastic solid-shell. *Computational Mechanics*, 74, pp. 723-742.  
([link](#))
6. **H. M. Verhelst**, P. Weinmüller, A. Mantzaflaris, T. Takacs & D. Toshniwal (2024). A comparison of smooth basis constructions for isogeometric analysis. *Computer Methods in Applied Mechanics and Engineering*, 419, pp. 116659.  
([link](#))

5. A. Farahat, **H. M. Verhelst**, J. Kiendl, & M. Kapl (2023). Isogeometric analysis for multi-patch structured Kirchhoff–Love shells. *Computer Methods in Applied Mechanics and Engineering*, 411, pp. 116060.  
([link](#))
4. **H. M. Verhelst**, M. Möller, J. H. Den Besten, A. Mantzaflaris, & M. L. Kaminski (2021). Stretch-Based Hyperelastic Material Formulations for Isogeometric Kirchhoff–Love Shells with Application to Wrinkling. *Computer-Aided Design*, 139, pp. 103075.  
([link](#))
3. **H. M. Verhelst**, A. Stannat & G. Mecacci (2020). Machine Learning Against Terrorism: How Big Data Collection and Analysis Influences the Privacy-Security Dilemma. *Science and Engineering Ethics*, 26, pp. 2975 - 2984.  
([link](#))

### Book chapters

2. Y. Ji, M. Möller, **H. M. Verhelst** (2023). Design Through Analysis In T. Bodnár, G. P. Galdi, Š. Nečasová (Ed.), *Fluids Under Control* (pp. 303-368). Springer International Publishing.  
([link](#))

### Conference papers

1. **H. M. Verhelst**, M. Möller, J. H. Den Besten, F. J. Vermolen, & M. L. Kaminski (2021). Equilibrium Path Analysis Including Bifurcations with an Arc-Length Method Avoiding A Priori Perturbations. In F.J. Vermolen, C. Vuik (Ed.), *Numerical Mathematics and Advanced Applications ENUMATH 2019*. Springer, Cham.  
([link](#))

### Conference and seminar presentations

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#### Invited presentations

|         |                                                                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025-10 | Lecture series: Isogeometric Analysis — wrinkling, adaptive phase-field methods and G+Smo<br>Università della Calabria (lecture series)<br>Rende, Italy                      |
| 2025-02 | Towards novel refinement strategies for isogeometric analysis<br>Università di Pavia, Department of Mathematics (seminar)<br>Pavia, Italy                                    |
| 2024-10 | Isogeometric Analysis of Wrinkling<br>Biezeno Lecture, 27th Engineering Mechanics Symposium<br>Papendal, Arnhem, The Netherlands                                             |
| 2023-10 | Isogeometric Analysis of Wrinkling<br>26th Engineering Mechanics Symposium, Workshop on Advanced Discretization and Solution Techniques<br>Papendal, Arnhem, The Netherlands |
| 2023-09 | Isogeometric Analysis of Wrinkling<br>Workshop on Topology Optimisation and Isogeometric Analysis<br>Linz, Austria                                                           |

- 2022-05 On the modeling of wrinkling instabilities using isogeometric shell analysis  
Dutch-Flemish Scientific Computing Society - 2022 Spring Meeting  
Leuven, Belgium
- 2022-02 Flexible Floating Solar Platforms: New Challenges for Offshore Engineering  
Society of Maritime Technology (Lunch Lecture)  
Delft, The Netherlands
- 2021-11 Flexible Floating Structure Design & Analysis: Hydro-Structural Design  
and Analysis Challenges  
Society of Maritime Technology (Lunch Lecture)  
Delft, The Netherlands
- 2021-11 Modelling Wrinkles in Membranes: Fundamentals, Challenges and Applica-  
tions  
Society of Maritime Technology (Lunch Lecture)  
Delft, The Netherlands
- 2021-10 A Hands-On Tutorial with Nonlinear Shells  
SIAM Student Chapter Delft Workshop Day  
Online
- 2021-10 - 2021-11 A Parallel Adaptive Arc-Length Method  
24th Engineering Mechanics Symposium, Workshop on High Performance  
Computing  
Papendal, The Netherlands

### Contributed presentations

- 2026-07 Towards Uncertainty Quantification in Phase-field Fracture: Using  
Gradient-Preserving Operator Inference  
17th World Congress on Computational Mechanics & 10th European  
Congress on Computational Methods in Applied Sciences and Engineering  
(WCCM-ECCOMAS 2026)  
Munich, Germany
- 2026-06 Structure-Preserving Operator Inference for the Cahn–Hilliard Equation  
struct NL 2026 - Kick-off meeting of the NDNS+ Special Activity Group on  
Structure-preserving Numerical Methods  
Utrecht, The Netherlands
- 2026-01 Towards High Performant G+Smo: Domain Decomposition and GPU Sup-  
port  
G+Smo Developer Days 2026  
Pilsen, Czech Republic
- 2025-09 Adaptive Isogeometric Analysis for volumetric phase-field simulations with  
application to brittle fracture  
The Thirteenth International Conference on Isogeometric Analysis (IGA  
2025)  
Eindhoven, The Netherlands
- 2025-09 Adaptive Isogeometric Analysis of Phase-Field Brittle Fracture  
8th ECCOMAS Young Investigators Conference and PhD Olympiad 2025  
(YIC 2025)  
Pescara, Italy

- 2025-09 ECCOMAS PhD Olympiad: Isogeometric Analysis of Wrinkling  
8th ECCOMAS Young Investigators Conference and PhD Olympiad 2025 (YIC 2025)  
Pescara, Italy
- 2025-09 - 2025-10 Adaptive Isogeometric Analysis for Volumetric Phase-Field Simulations with Application to Brittle Fracture: Recent Advances and Challenges  
SMART 2025 - 4th International Conference on Subdivision, Geometric and Algebraic Methods, Isogeometric Analysis and Refinability in ITaly  
Reggio Calabria, Italy
- 2025-06 Anisotropic refinement using Lattice-Hierarchical B-Splines  
Generative AI in Engineering Design Optimization (Lorentz Center workshop)  
Leiden, The Netherlands
- 2024-07 G+Smo: Geometry + Simulation Modules for Isogeometric Analysis  
PDESofT 2024  
Cambridge, United Kingdom
- 2024-06 A unified framework for advanced spline constructions in Isogeometric Analysis  
9th European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS)  
Lisbon, Portugal
- 2024-03 Advanced Algorithms for Time-Stepping and Fluid-Structure Interaction in G+Smo  
G+Smo Developer Days 2024  
Thessaloniki, Greece
- 2023-06 Hyperelastic Wrinkling Analysis Using Tension-Field Theory In Isogeometric Analysis  
International Conference on Isogeometric Analysis (IGA2023)  
Lyon, France
- 2022-11 Goal-Adaptive Isogeometric Kirchhoff-Love Shell Analysis for Structural Analysis Applications  
International Conference on Isogeometric Analysis (IGA2022)  
Banff, Canada
- 2022-10 Comparison of smooth multipatch constructions for IGA  
G+Smo Developer Days 2022 and preCICE meeting  
Delft, The Netherlands
- 2022-10 A first attempt of preCICE in G+Smo  
G+Smo Developer Days 2022 and preCICE meeting  
Delft, The Netherlands
- 2022-09 A Parallel Adaptive Arc-Length Method  
9th GACM Colloquium on Computational Mechanics  
Essen, Germany
- 2022-09 Comparison of smooth multipatch constructions for IGA  
GIMC SIMAI YOUNG 2022 Workshop  
Pavia, Italy

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022-06           | A Parallel Adaptive Arc-Length Method<br>8th European Congress on Computational Methods in Applied Sciences and Engineering<br>Oslo, Norway                                                                               |
| 2021-12           | A Parallel Adaptive Arc-Length Method<br>G+Smo Developer Days 2021<br>Sophia-Antipolis, France                                                                                                                            |
| 2021-09           | Stretch-Based Hyperelastic Material Formulations for Isogeometric Kirchhoff-Love Shells<br>SIAM Conference on Geometric and Physical Modeling (GD/SPM21)<br>Online                                                        |
| 2021-09           | Goal-adaptive meshing for structural shell analysis problems<br>International Conference on Isogeometric Analysis (IGA2021)<br>Online                                                                                     |
| 2021-07           | Goal-Adaptive Meshing for Non-Linear Isogeometric Shell Analysis<br>SIAM Annual Meeting (AN21)<br>Online                                                                                                                  |
| 2021-07           | Goal-adaptive meshing for structural shell analysis problems<br>16th U.S. National Congress on Computational Mechanics<br>Online                                                                                          |
| 2020-12           | Nonlinear Structural Analysis with G+Smo: implementations and applications<br>G+Smo Developer Days 2020<br>Online                                                                                                         |
| 2020-08           | Stretch-Based Hyperelastic Material Formulations for Isogeometric Kirchhoff-Love Shells<br>Virtual Isogeometric Analysis and Conference 2020<br>Online                                                                    |
| 2019-09 - 2019-10 | Equilibrium Path Analysis Including Bifurcations with an Arc-Length Method Avoiding A Priori Perturbations<br>European Numerical Mathematics and Advanced Applications Conference 2019<br>Egmond aan Zee, The Netherlands |
| 2018-09           | (Organizational support)<br>20th International Ship and Offshore Structures Congress 2018<br>Liege, Belgium & Amsterdam, The Netherlands                                                                                  |
| 2018-07           | Mass Surveillance for National Security: Unbalancing the Privacy-Security Dichotomy<br>Philosophy of Human-Technology Relations<br>Enschede, The Netherlands                                                              |

## Software contributions

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Geometry + Simulation Modules (G+Smo) - Core ([link](#))

*Role:* Developer

*Description:* G+Smo (pronounced gismo or gizmo) is a C++ library for isogeometric analysis (IGA). Geometry plus simulation modules aims at the seamless integration of Computer-aided Design (CAD) and Finite Element Analysis (FEA).

Geometry + Simulation Modules (G+Smo) - gsKLShell ([link](#))

*Role:* Main developer

*Description:* gsKLShell is the module in G+Smo implementing the isogeometric Kirchhoff-Love shell formulation. gsKLShell offers geometric and material non-linearities, error estimators using the Dual-Weighted Residual method, and more.

Geometry + Simulation Modules (G+Smo) - gsStructuralAnalysis ([link](#))

*Role:* Main developer

*Description:* The gsStructuralAnalysis module provides routines for structural analysis in G+Smo. Besides conventional routines for buckling, post-buckling, static and modal analysis, it provides a parallel arc-length method.

Geometry + Simulation Modules (G+Smo) - gsUnstructuredSplines ([link](#))

*Role:* Main developer

*Description:* The gsUnstructuredSplines module provides unstructured spline constructions for isogeometric analysis in G+Smo, enabling multi-patch isogeometric analysis.

Geometry + Simulation Modules (G+Smo) - gsElasticity ([link](#))

*Role:* Maintainer

*Description:* The gsElasticity module provides planar and volumetric elasticity elements, including hyperelasticity. It is applied to mesh deformation problems and fluid-structure interaction.

Geometry + Simulation Modules (G+Smo) - Gismo.jl ([link](#))

*Role:* Main developer

*Description:* The Gismo.jl package provides a Julia interface to the G+Smo library. It allows users to use the isogeometric analysis capabilities of G+Smo within Julia.

## Teaching experience

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### MSc level

|                   |                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020-01 - 2022-01 | Fluid-Structure Interaction in Marine Structures (MT44090)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Maritime Technology<br><i>Duration:</i> 2 quarters<br><i>Role:</i> Lecturer<br><a href="#">(link)</a> |
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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020-01 - 2021-01 | Computational Fluid Dynamics (WI4011-17)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Applied Mathematics<br><i>Duration:</i> 1 semester<br><i>Role:</i> Teaching Assistant<br><a href="#">(link)</a> |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### BSc level

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020-01 - 2023-01 | Numerical Methods for Differential Equations (WI3097TU/TW3730TU/CTB2400)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Civil, Mechanical and Aerospace Engineering<br><i>Duration:</i> 6 quarters<br><i>Role:</i> Digital Teaching Assistant<br>( <a href="#">link</a> ) |
| 2015-01 - 2019-01 | 2nd Integration Project (MT2434)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Maritime Technology<br><i>Duration:</i> 3 semesters<br><i>Role:</i> Teaching and CAD Software Assistant<br>( <a href="#">link</a> )                                                       |
| 2015-01 - 2017-01 | Geometry and Stability of Ships (MT2431)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Maritime Technology<br><i>Duration:</i> 2 quarters<br><i>Role:</i> CAD Software Assistant<br>( <a href="#">link</a> )                                                             |
| 2016-01 - 2017-01 | Strength of Ships (MT2432)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Maritime Technology<br><i>Duration:</i> 1 quarter<br><i>Role:</i> DIC Practical Assistant<br>( <a href="#">link</a> )                                                                           |
| 2015-01 - 2016-01 | 1st Integration Project (MT1453)<br>TECHNISCHE UNIVERSITEIT DELFT<br>Maritime Technology<br><i>Duration:</i> 1 semesters<br><i>Role:</i> CAD Software Assistant<br>( <a href="#">link</a> )                                                                    |

## Supervision & Committee work

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### PhD level

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| 2027-07 | Jingya Li<br>Isogeometric Fluid-Structure Interaction<br>TECHNISCHE UNIVERSITEIT DELFT, Applied Mathematics<br><i>Role:</i> External supervisor<br><i>Co-supervisors:</i> dr. M. Möller, dr. ir. J.H. Den Besten |
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### MSc level

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| 2023-06          | <p>Sebastian van Thienen</p> <p>Modelling wrinkling instabilities in cloth simulation</p> <p>UNIVERSITEIT VAN ANTWERPEN, Mathematics</p> <p><i>Role:</i> External committee member</p> <p><i>Co-supervisors:</i> prof. dr. W. Vanroose</p>                                                                                     |
| 2022-06          | <p>Douwe Bosma</p> <p>Isogeometric analysis of fluid cellular membranes</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Applied Mathematics</p> <p><i>Role:</i> Daily supervisor</p> <p><i>Co-supervisors:</i> dr. ir. D. Toshniwal<br/>(<a href="#">link</a>)</p>                                                                       |
| 2022-03          | <p>Cas van Engelen</p> <p>Modelling of a Flexible Inflatable Floater</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Maritime Technology</p> <p><i>Role:</i> Daily supervisor</p> <p><i>Co-supervisors:</i> dr. P. Pahlavan<br/>(<a href="#">link</a>)</p>                                                                               |
| 2021-08          | <p>Sam de Bode</p> <p>Wrinkling analysis and design of Offshore Flexible Floating Solar Structures</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Maritime Technology</p> <p><i>Role:</i> Daily supervisor</p> <p><i>Co-supervisors:</i> dr. ir. J.H. Den Besten<br/>(<a href="#">link</a>)</p>                                         |
| 2020-12          | <p>Eline Lavaerts</p> <p>Framework to research and design wrinkle free very large flexible offshore solar platforms by adding permeability</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Maritime Technology</p> <p><i>Role:</i> Daily supervisor</p> <p><i>Co-supervisors:</i> dr. ir. J.H. Den Besten<br/>(<a href="#">link</a>)</p> |
| 2020-01          | <p>Lorenzo Cardinale</p> <p>Experimental Measurements of Wave Impacts in a Breaking Dam Flow</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Maritime Technology</p> <p><i>Role:</i> Committee member</p> <p><i>Co-supervisors:</i> dr. ir. P.R. Wellens<br/>(<a href="#">link</a>)</p>                                                  |
| <b>BSc level</b> |                                                                                                                                                                                                                                                                                                                                |
| 2021-06          | <p>Stijn Dijkstra, Daan te Rietmole, Vincent Steenhuizen, Tycho van Velden</p> <p>Interactive design and analysis in Rhino6</p> <p>TECHNISCHE UNIVERSITEIT DELFT, Applied Mathematics</p> <p><i>Role:</i> Daily supervisor</p> <p><i>Co-supervisors:</i> dr. M. Möller</p>                                                     |