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## Learning in automated negotiation

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## CURRICULUM VITÆ

Bram Matthias Renting was born on September 12, 1991, in Zwolle, the Netherlands. After a pre-university education, he pursued a Bachelor in Marine Technology at the Delft University of Technology which he completed in 2016 followed by a Master of Science in Embedded Systems with specialisation in Control Systems, also at the Delft University of Technology and partially at Politecnico di Milano, which he completed in 2019. During his academic career, Bram was actively involved in extracurricular activities. He was a member of the DUT Racing team, was a competitive rower, had various roles in the organisation of the rowing club, including coaching, and was a teaching assistant for various courses at the university. During his studies, he also spend 2 years working in the marine industry as a (project) engineer. After finishing his Master, Bram worked as a data scientist at DNV in Schiedam, the Netherlands, where he build machine learning models for various applications. In 2020 Bram started his PhD studies at Leiden University. During his PhD studies, he took courses in communication and scientific conduct, among others. Starting from June 2025, Bram is a senior research engineer at Det Norske Veritas in Oslo, Norway, working on the intersection of AI research and marine technology.



# LIST OF PUBLICATIONS

## SUBMITTED

- 1. **Bram M. Renting**, Dave de Jonge, Holger H. Hoos, and Catholijn M. Jonker. Analysis of Learning Agents in Automated Negotiation. (Chapter 6)

## 2024

- 3. Thijs Snelleman, **Bram M. Renting**, Holger H. Hoos, and Jan N. van Rijn. 2024. Edge-Based Graph Component Pooling. In *Proceedings of the 21st International Workshop on Mining and Learning with Graphs*, ECMLPKDD '24.
- 2. **Bram M. Renting**, Thomas M. Moerland, Holger H. Hoos, and Catholijn M. Jonker. 2024. Towards General Negotiation Strategies with End-to-End Reinforcement Learning. In *Reinforcement Learning Journal* volume 5, pages 2059–2070. (Chapter 5)
- 1. **Bram M. Renting**, Holger H. Hoos, and Catholijn M. Jonker. 2024. Multi-Agent Meeting Scheduling: A Negotiation Perspective. In *Proceedings of the 16th Workshop on Adaptive and Learning Agents*. AAMAS '24. (Chapter 7)

## 2023

- 1. Reyhan Aydoğan, Tim Baarslag, Katsuhide Fujita, Holger H. Hoos, Catholijn M. Jonker, Yasser Mohammad, and **Bram M. Renting**. 2023. The 13th International Automated Negotiating Agent Competition Challenges and Results. In *Recent Advances in Agent-Based Negotiation: Applications and Competition Challenges*. Studies in Computational Intelligence.

## 2022

- 1. **Bram M. Renting**, Holger H. Hoos, and Catholijn M. Jonker. 2022. Automated Configuration and Usage of Strategy Portfolios for Mixed-Motive Bargaining. In *Proceedings of the 21st International Conference on Autonomous Agents and Multiagent Systems*. AAMAS '22. (Chapter 4)

## 2021

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## 2020

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## PREPRINT

- 1. Thomas M. Moerland, Matthias Müller-Brockhausen, Zhao Yang, Andrius Bernatavicius, Koen Ponse, Tom Kouwenhoven, Andreas Sauter, Michiel van der Meer, **Bram M. Renting**, and Aske Plaat. 2023. EduGym: An Environment Suite for Reinforcement Learning Education. Preprint.

 Included in this Dissertation.

 Won a best paper.