



Oskar Hagvall Svensson

Researcher in higher
education pedagogy

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Current employment

- **Researcher in the pedagogics of climate economics**, University of Gothenburg, Department of Economics, Environment for Development (EfD) Global Hub, ongoing from May 2022

Previous employment

- **PhD Student in Engineering Education Research**, Chalmers University of Technology, Department of Communication and Learning in Science, Oct 2019 – April 2022
- **PhD student in Entrepreneurship Education Research**, Chalmers University of Technology, Department of Technology Management and Economics, Oct 2016 – Oct 2019
- **Course developer and Project assistant** with a focus on Sustainability Education, Chalmers University of Technology, Department of Energy and Environment, Jul 2015 – Sept 2016

Higher education degrees

- **Doctor of Philosophy** in Communication and Learning in STEM, 2021
- **Licentiate of Philosophy** in Technology Management and Economics, 2019
- **Master of Science** in Engineering Mathematics (Civilingenjörsexamen), 2016
- **Master of Science** in Secondary Education (Gymnasielärarexamen) with Mathematics and Technology as teaching subjects, 2016
- **Master of Science** (120 credits), majoring in Technology and Learning, 2016
- **Bachelor of Science**, majoring in Mathematics, 2016

Publications

Journal publications: (peer reviewed)

- Kohn Rådberg, K., Lundqvist, U., Malmqvist, J., & **Hagvall Svensson, O.** (2020). From CDIO to challenge-based learning experiences—expanding student learning as well as societal impact?. *European Journal of Engineering Education*, 45(1), 22-37. doi.org/10.1080/03043797.2018.1441265
- **Hagvall Svensson, O.**, Adawi, T., Lundqvist, M., & Williams Middleton, K. (2020). Entrepreneurial engineering pedagogy: models, tradeoffs and discourses. *European Journal of Engineering Education*, 45(5), 691-710. doi.org/10.1080/03043797.2019.1671811
- **Hagvall Svensson, O.**, Adawi, T., & Johansson, A. (2021). Authenticity work in higher education learning environments: a double-edged sword?. *Higher Education*, doi.org/10.1007/s10734-021-00753-0

Papers in proceedings: (peer reviewed)

- Burden, H., Steghöfer, J. P., & **Hagvall Svensson, O.** (2019). Facilitating entrepreneurial experiences through a software engineering project course. In *Proceedings of the 2019 IEEE/ACM 41st International Conference on Software Engineering: Software Engineering Education and Training (ICSE-SEET)*. IEEE.
- **Hagvall Svensson, O.** (2019). Struggling for authenticity: a dialectical framework for sense-making entrepreneurial experiences. In *Proceedings of the 7th ECSB Entrepreneurship Education (3E) Conference 2019, Göteborg, Sweden*.
- **Hagvall Svensson, O.**, Adawi, T. (2018). Investigating the Dynamics of Authentic Learning in a Project-based Engineering Course. In *Proceedings of the 46th SEFI Conference 2018, Copenhagen, Denmark*. **Awarded best research paper.**
- **Hagvall Svensson, O.** (2018). Exploring Students' Transition into Experiential Entrepreneurship Education: Challenges and Learning. In *Proceedings of the 6th ECSB Entrepreneurship Education (3E) Conference 2018, Enschede, Netherlands*.
- **Hagvall Svensson, O.**, Lundqvist, M., & Williams Middleton, K. (2017). Transformative, transactional and transmissive modes of teaching in action-based entrepreneurial education. In *Proceedings of the ECSB Entrepreneurship Education (3E) Conference 2017, Cork, Ireland*.
- Sterner, E., **Hagvall Svensson, O.**, Toivonen, S., Bill, J., & Adawi, T. (2017). Evaluating the flipped classroom approach in engineering education: Students' attitudes, engagement and performance in an undergraduate sustainability course. In *Proceedings of the 45th SEFI Conference 2017, Azores, Portugal*.
- **Hagvall Svensson, O.**, Adawi, T., Lundqvist, M., & Williams Middleton, K. (2017). How Entrepreneurial is project-based learning in engineering education? In *Proceedings of the 45th SEFI Conference, 18-21 September 2017, Azores, Portugal*.
- Lackéus, M., **Hagvall Svensson, O.**, Henricson Briggs, K., & Faxheden, T. (2017). Hur 'entreprenöriell' är Chalmers grundutbildning? In *Proceedings of the 6th Utvecklingskonferensen för Sveriges Ingenjörsutbildningar 2017, Göteborg, Sweden*
- **Hagvall Svensson, O.** (2017). Conceptualizing Sustainability Leadership Competences in Higher Education. In *Proceedings of the International Sustainability Transitions (IST) Conference 2017, Göteborg, Sweden*.

Theses:

- **Hagvall Svensson, O.** (2021). What's wrong with engineering education? Comparing and combining a teaching-problematization and a culture-problematization. PhD thesis, Chalmers tekniska högskola, Göteborg. <https://research.chalmers.se/publication/527132>
- **Hagvall Svensson, O.** (2019). Towards Entrepreneurial Engineering Pedagogy: Exploring the Unsettled Trajectories of Entrepreneurial Projects. Licentiate thesis, Chalmers tekniska högskola, Göteborg. <https://research.chalmers.se/publication/510207>

Apart from these publications, I have two late-stage manuscripts that are approaching publication.

Teaching experiences

Teaching in academic courses:

- 2017-2019, **Course director**, TEK575 Entrepreneurship and Business Design, undergraduate level, 7.5 Hec, approx. 35 participants, Chalmers University of Technology
- 2018, **Course director**, TEK475 Practical Leadership and Entrepreneurship, undergraduate level, 7.5 Hec, approx. 60 participants, Chalmers University of Technology
- 2020-2022, **Course director**, CLS035 Learning in Natural Science and Technology, advanced level, 7.5 Hec, approx. 25 participants, Chalmers University of Technology

In my role as course director, main teacher and de facto examiner, I have: 1) designed and assessed examination assignments, 2) shaped course content as well as assigned readings, 3) lectured and led literature seminars, 4) coordinated the teaching teams and administered course communication, and 5) supervised and given feedback to student teams. Before taking over TEK575 and TEK475, I reformed both courses substantially.

Supervision:

- 2017, **Main supervisor** for Elina Palmquist and Sofia Toivonen in their master thesis “Infusing Entrepreneurship in Engineering Education: Perceptions across Campus”, 15 Hec. Examiner: Samuel Bengmark, Professor in Mathematic Sciences, Chalmers University of Technology.

Teaching outside of academia:

- Teaching mathematics and technology in upper secondary school (gymnasienivå)

As a part of my teaching degree, I had two teaching placements in upper secondary schools. The combined extent of the placements was approx. 300 hours spread out over sixteen weeks.

- Teaching sustainable development at Ekocentrum to active professionals

As a part of my teaching degree, I had an internship at Ekocentrum (ten weeks, 20 hours per week). At Ekocentrum, I taught courses in sustainable development and helped reform the basic pedagogical approach from lecture based to activity based.

Other pedagogical merits:

- 2018, awarded the **Teaching Award for PhD Students** at the department of Technology Management and Economics, for “especially good pedagogical efforts in teaching during 2018”.