

# Curriculum Vitae of Torbjörn Lundh

- **MSc** Engineering Physics, Uppsala, 1989
- **PhD** Mathematics (potential theory), *Kleinian groups and thin sets at the boundary*, Advisor: Matts Essén, Uppsala, 1996
- **Postdocs**
  - i) 1997 Cambridge, UK
  - ii) 1997-1999, SUNY, Stony Brook, NY
  - iii) 1999-2000, Institut Mittag-Leffler, Djursholm
- **Sabbatical**  
Visiting professor at Vascular Surgery, Stanford, CA, August 2015 to June 2016.
- **Docent** 2004
- **Present position**  
Strategic advisor on internationalisation issues to Chalmers' President from July 2023  
President of UNITECH international, 2022 –  
Full professor in Mathematical Biology (Biomatematik) from October 2019
- **Earlier positions**  
Lecturer, KTH, Stockholm, 1996.  
Assistant professor, Chalmers University of Technology, 2000-2004.  
Associate professor, Chalmers University of Technology, 2004-2010.  
Professor without a chair (Biträdande professor) in Mathematics, Chalmers University of Technology, 2010-2019.  
Deputy Vice-Chancellor, University of Gothenburg, 2021-2023
- **Other positions**
  - Vice chair for Gothenburg Center of Systems Biology, 2012-2014
  - Profile leader of Mathematical Biology in the Area of Advance Life science engineering, 2012-2015
  - Vice-chair evaluator for Research Executive Agency, Brussels
  - Member in the educational board at the Faculty of Science at Gothenburg University, “grundutbildningberedning” 2003-2006.
  - Member in the editorial group for the N! the Faculty of Science magazine at the University of Gothenburg. 2004-2009
  - Director of the Mathematics Consultants at the department. 2008-2011
  - Chairman of the Swedish Committee on Education in Mathematics 2008-2011
  - Chairman of the Collegium at Mathematical Sciences. 2009-2011
  - Chairman of the Swedish National Committee for Mathematics under KVA, 2011-2015
  - Chairman of *Matts Esséns minnesfond*. 2004-2014
  - Vice Chairman of Chalmers' Faculty Board 2011-2015
  - Program developer of the teacher training program at Chalmers: Learning and Leadership
  - Member of the board of Chalmers Foundation, 2011-2015, (The fond gave 2015 a net profit of 156 MSEK)
  - Board member in Folkuniversitet Gothenburg
  - Board member of European Society of Mathematical and Theoretical Biology
  - Main organizer of ECMTB 2014
  - Inspector of Chalmers Student Union, 2014-2018
  - Member in WASP's Graduate School Managements AI, 2017 - 2021
  - Board member in Smart Textiles, Borås, 2018 – 2021
  - Vice Dean, Faculty of Science, University of Gothenburg, 2019 – 2021
  - Member of the Internationalization board at the University of Gothenburg, 2019 –
  - Deputy Vice Chancellor, University of Gothenburg, 2021 –

- Board member in Universeum, Gothenburg, 2021 –
- Board member in Sahlgrenska Science Park, 2021 – 2023
- Board member in GU-ventures, 2021 – 2023
- Board member in Lindholmen Science Park, 2021 – 2023
  
- **Research publications**  
[Research.chalmers.se](https://research.chalmers.se)  
[Google Scholar](#)
  
- **Prizes**
  - [SKAPA innovation price 2014 for the PressCise bandage](#)
  - "Most Innovative Product" for Lundatex® system at the Journal of Wound Care Awards, London, March 3, 2017
  - Best e-poster, Zinc based vs. Four Component compression, May 3, 2017
  - Best Product in Medical Textiles at the Future Textiles Awards, Frankfurt, May 12, 2017
  - Best impact research at Chalmers 2020.
  
- **Conference arranging**
  - [2nd Swedish conference on mathematical biology, 16-17 December, 2010](#)
  - [Aimday Image, 13 March, 2013](#)
  - [Pseudo Science – an innocent game or a dangerous parasite?, 25 April, 2013](#)
  - [9th European Conference on Mathematical and Theoretical Biology, 15-19 June 2014](#)
  - Almedal Session: Mathematics is essential for keeping Sweden's strong position as an innovation nation, 4th July, 2016
  - [Engineering Health – the legacy of William Chalmers, Nov. 8-9, 2017](#)
  - [Mathematical Biology, fall 2018, Institute Mittag-Leffler](#)
  - [AI for health and healthy AI, August 2019, University of Gothenburg](#)
  - [eSBM, Society for Mathematical Biology, Aug 2020](#), see also [The Scientist follow up article](#) about the meeting.
  
- **Start up companies**
  - Mamillicon HB (an innovation company for a traffic warning system with several prizes from VentureCup)
  - Graft Craft AB (developmental company for vascular stents and grafts)
  - y-Graft AB (daughter company to GraftCraft AB with a novel by-pass)
  - [PressCise AB](#) (innovation medtech company within the field of compression treatment)
  - [Navari Surgical AB](#)
  
- **Funding within the medtech field**
  - GothenburgBIO
  - Innovationskontor Väst
  - Almi
  - BIO-X
  - Smart Textiles
  - VINN-verifiering
  - Skapa Utvecklingsstipendium (West Swedish region winner 2014)
  - Curamus foundation
  
- **Book in English**
  1. [Scientific Models - Red Atoms, White Lies and Black Boxes in a Yellow Book](#), Springer, 2016, with Philip Gerlee
  
- **Patents/patent applications**
  1. New vascular prosthesis, Lundh, T.; Mattsson, E. Swedish pat. no. SE 531 374 C2 (2009)
  2. Removable Stent and Method of Production, EP 2654629, WO2012084007, Lundh, T.; Mattsson, E. (2012).

3. Device and method for treating ruptured aneurysms, US-21043007, US8758423, Lundh, T.; Mattsson, E. (2014).
4. Elastic bandage and textile material for use in such an elastic bandage, WO 2015007335, US2016166437, Lundh, T.; Mattsson, E.; Vasilis, J., 2015
5. A bandage securing device, SE 538588, WO2016153421, Lundh, T.; Vasilis, J.; Damm, J.
6. A compression garment for provision of an adjustable pressure, WO2016116125, Lundh, T.; Vasilis, J.; Damm, J.
7. Mechanisms for insertion of guide wires, A61M25/09041, The Board Of Trustees Of The Leland Stanford Junior University, Lundh, T; Aalami, O; Itoga, N, 2017
8. A Kit And Therapeutic Pressure Assembly With Patches For Applying Pressure To A Limb Or Other Body Part, US2020/0000622, Torbjörn Lundh, Josefin Damm, Jonatan Vasilis, 2020
9. Compression garment for provision of an adjustable pressure, Lundh, T., Vasilis, J., & Damm, J. (2021). U.S. Patent No. 11,116,671. Washington, DC: U.S. Patent and Trademark Office.
10. Elastic bandage or hosiery, and textile material for use in such an elastic bandage or hosiery, T Lundh, E Mattsson, J Vasilis, US Patent App. 17/242,885, 2021

- **Dissemination of Science articles**

1. Vetenskapligt förhållningssätt i samhällsfrågor, Torbjörn Lundh, Ann-Marie Pendrill, Fysikaktuellt. Vol. 2004 (1), p. 14-15, 2004
2. Naturlig geometri, Torbjörn Lundh, Popularisering av matematikk, Trondheim, 17-18 November 2003, I. Holden et al.. Vol. 2, p. 111-119, 2004
3. Kan matematiken hjälpa oss att förstå hur vi blev till? Torbjörn Lundh, Nämnaren. Vol. 4, p. 47-52, 2004
4. NTA-boxes from KVA, writing "A mathematician's view-point" 2009.
5. Bengmark, S; Lundh, T; Cronhjort, M. et al. (2014). Skolan missar nya lärare med spetskompetens. NyTeknik, 27 augusti 2014. [Nr. 203106]
6. Lundh, T.; Bengmark, S. (2014). Politiker missar på nytt det centrala , Svenska Dagbladet, Opinion, Brännpunkt 4 april 2014. s. 6. [Nr. 197196]
7. Gerlee, P., Thorén, H., & Lundh, T. (2020). Alla modeller är fel-några är användbara. *Svenska Dagbladet Debatt*.
8. Gustafsson, F., Timpka, T., Lundh, T., Spreco, A., Soltesz, K., Ekberg, J., ... & Bernhardsson, B. (2020). Forskare: "Se upp med komplexa coronamodeller—de kan överträffa verkligheten". *Ny teknik*.

---

mail: [torbjorn.lundh@chalmers.se](mailto:torbjorn.lundh@chalmers.se)

tel: +46709847070