

Curriculum Vitae

(Updated April, 2023)

Eric von Hippel

Education:

University of Vaasa	Ph.D	2018 (Hon)
Technical Universität Hamburg-Harburg	Ph.D	2013 (Hon)
Copenhagen Business School	Ph.D	2007 (Hon)
Ludwig-Maximilians Universität München	Ph.D.	2004 (Hon)
Carnegie Mellon University	Ph.D.	1974
Massachusetts Institute of Technology	S.M.	1966
Harvard College	B.A	1964

Professional History:

Portugal National Medal of Science	2020
Visiting Professor, Harvard Business School	2017 – 2018
Schumpeter School Prize	2017
“Innovation Luminary” EU Award	2015
Fellow, Open and User Innovation Society	2014 -
Humboldt Foundation Research Prize	2013 -
International Research Advisor, Technological Innovation Center, Tsinghua University, China	2013 -
Welling Professor, George Washington University	2009 - 2010
Faculty Associate, Berkman Center	2009 - 2014
Fellow, Berkman Center for Internet and Society Harvard Law School	2007 - 2009
T Wilson Professor of Management, MIT-Sloan	2006 - Present
Professor of Engineering Systems, MIT	2006 - Present
Head, Innovation and Entrepreneurship Group	2003 - 2006
Professor, Sloan School of Management, MIT	1985 – Present
Sir Walter Scott Distinguished Professor, Australian Grad School of Management, UNSW	1997 - 1998
Co-Founder, MIT Entrepreneurship Program	1994 - 1996
Fellow, Canadian Institute for Advanced Research	1995 - 1997
Associate Professor, Sloan School, MIT	1979 - 1985
Assistant Professor, Sloan School, MIT	1973 - 1979
Consultant, McKinsey and Company	1970 - 1972
Co-Founder and Engineering Manager, Graphic Sciences Inc.	1966 - 1969

Publications:

von Hippel, Eric (2023) "The free user innovation paradigm: An important complement to the Schumpeterian innovation paradigm". Chapter in Jin Chen, Ed: *Handbook on Post-Schumpeterian Innovations* Edward Elgar (forthcoming 2024)

Potts, Jason, Dietmar Harhoff, Andrew Torrance, and Eric von Hippel (2023) "Social welfare gains from innovation commons: Theory, evidence, and policy implications" *Strategy Science*

von Hippel, Eric, Jens-Christian Friedmann, Nety Wu, Elizabeth J. Altman & Gabriel Szulanski (2023) A Journey into User Innovation, *Research-Technology Management*, 66:3, 32-37, DOI: [10.1080/08956308.2023.2188010](https://doi.org/10.1080/08956308.2023.2188010)

De Jong, Jeroen P. J., Max Mulhuijzen, Daniel Cowen, Erika Kraemer-Mbula, Larry Onyango, and Eric von Hippel (2023) "Making the invisible visible: Informal Innovation in South Africa". UNDP Report.

De Jong, Jeroen P. J. and Eric von Hippel (2023) "Household Innovation: Its Nature, Measurement, Applications, and Outlook" Chapter 8, p.136-157, in *Handbook of Innovation Indicators and Measurement, Second Edition*, Fred Gault, Editor, Elgar Publishing

von Hippel, Eric (2021) "'Systems of Use': Understanding and Empowering a Key User Innovator Advantage" MIT SSM Working Paper
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3780260

von Hippel, Eric and Sandro Kaulartz (2021) „Next-generation consumer innovation search: Identifying early-stage need-solution pairs on the web" *Research Policy* Volume 50, Issue 8, October 2021, 104056

Stock, Ruth, Shannon Heald, Christian Holthaus, Lennart Gillert, and Eric von Hippel (2021) "Need-solution pair recognition by individuals: Evidence, and a cognitive mechanism explanation" *Research Policy* Vol 50, Issue 8 104068

Sichel, Dan, and Eric von Hippel (2021) "Household Innovation and R&D: Bigger than You Think" *Review of Income and Wealth*, Vol 67 no 3 [Volume67, Issue3](#), pp. 639-658

Chen, Jin, Yu-Shan Su, Jeroen P.J. de Jong, Eric von Hippel (2020) "Household Sector Innovation in China: Impacts of Income and Motivation" *Research Policy* Vol 49 [103931](#)

Demonaco, Harold, Pedro Oliveira, Andrew Torrance, Christiana von Hippel, and Eric von Hippel (2019) "When patients become innovators" *Sloan Management Review* Spring, pp. 81-88.

Gambardella, Alfonso and Eric von Hippel (2019) "Open sourcing as a profit-maximizing strategy for downstream firms" *Strategy Science* Vol 4, no. 1 March 2019, p. 41-57
(https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3046727)

- Torrance, Andrew, and Eric von Hippel (2018) “A Meeting of Innovation Minds” *Northwestern Law Review* (Vol 112, pp. 177-186)
- Von Hippel, Eric, Jeroen de Jong, and Daan Rademaker (2017) “Household Sector Innovation” Mohammed Bin Rashid Centre for Government Innovation, UAE, (July)
- von Hippel, Eric, Harold Demonaco, and Jeroen de Jong (2017) “Market failure in the diffusion of clinician-developed innovations: The case of off-label drug discoveries” *Science and Public Policy*, 44(1), 121–131 doi: 10.1093/scipol/scw042
- von Hippel, Eric (2017) *Free Innovation* MIT Press, Cambridge, MA
- von Hippel, Eric (2017) “Free Innovation by Consumers – How Producers Can Benefit” *Research-Technology Management* (January-February) pp 39-42.
- von Hippel, Eric (2017) “The Free Innovation Paradigm – Lessons for China” *Frontiers of Engineering Management* - forthcoming
- Gambardella, Alfonso, Christina Raasch, and Eric von Hippel (2016) “The user innovation paradigm: impacts on markets and welfare” *Management Science*
<http://dx.doi.org/10.1287/mnsc.2015.2393>
- von Hippel, Eric, and Georg von Krogh (2016) “Identifying viable ‘need-solution pairs’: Problem solving without problem formulation” *Organization Science*, 27(1), pp. 207–221
<http://dx.doi.org/10.1287/orsc.2015.1023>
- Stock, Ruth Maria, Eric von Hippel, and Nils Lennart Gillert (2016) “Impacts of Personality Traits on User Innovation Success.” *Research Policy*, 45 757–769.
- von Hippel, W., Hayward, L. E., Baker, E., Dubbs, S. L., and von Hippel, E. (2016). “Boredom as a spur to innovation” University of Queensland Working Paper.
- von Hippel, Eric (2016) “Novel policies required to support free household sector innovation” *OECD Blue Sky 3 Conference, Ghent, Belgium Conference Proceedings*
- de Jong, Jeroen P.J., Eric von Hippel, Fred Gault, Jari Kuusisto, and Christina Raasch (2015) “Market failure in the diffusion of consumer-developed innovations: Patterns in Finland.” *Research Policy* 44, no.10 (December): 1856-1865.
- Torrance, Andrew and Eric von Hippel (2015) “The right to innovate.” *Michigan State Law Review* 2015:793 pp. 793 - 829.
- Oliveira, Pedro, Leid Zejnilovic, Helena Canhão, and Eric von Hippel (2015) “Innovation by patients with rare diseases and chronic needs. *Orphanet Journal of Rare Diseases*, 10(1) :41 DOI: 10.1186/s13023-015-0257-2

Stock, Ruth Maria, Pedro Oliveira, and Eric von Hippel (2015) “Impacts of Hedonic and Utilitarian Motives on the Novelty and Utility of User-Developed Innovations.” *Journal of Product Innovation Management*, Vol. 32 Issue 3, p 389-403.

Hienerth, Christoph, Eric von Hippel, and Morten Berg Jensen (2014) “User community vs. producer innovation development efficiency: A first empirical study,” *Research Policy* 43 p. 190-201

Kuusisto, Jari, Jeroen P. J. de Jong, Fred Gault, Christina Raasch, and Eric von Hippel (2013) *Consumer Innovation in Finland: Incidence, diffusion and policy implications*. Proceedings of the University of Vaasa, Finland. Reports.

Raasch, Christina and Eric von Hippel (2013) “Innovation process benefits: The journey as reward” *Sloan Management Review* (Fall) pp 33-39.

Füller, Johann, Roland Schroll, and Eric von Hippel (2013) “User Generated Brands and their Contribution to the Diffusion of User Innovations.” *Research Policy* 42, pp. 1197-1209

De Jong, Jeroen, P. J., and Eric von Hippel (2013) “User Innovation: Business and Consumers” Chapter 5 in Fred Gault, Ed., *Handbook on Innovation Indicators and Measurement* Edward Elgar Publishing

Raasch, Christiana, and Eric von Hippel (2012), “Modeling interactions between the user and producer innovation paradigms: User-contested and user-complemented markets for innovation” MIT Sloan School of Management Working Paper. (http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2079763)

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Von Krogh, Georg and Eric von Hippel (2006) "The High Promise of Research on Open Source Software," *Management Science* vol 52, No. 7 (July) pp. 975-983.

Von Hippel, Eric and Georg von Krogh (2006) "Free Revealing and the Private-Collective Model for Innovation Incentives," *R&D Management* vol 36, No. 3, pp. 291-302.

Demonaco, Harold, Ayfer Ali and Eric von Hippel (2006), "The Major Role of Clinicians in the Discovery of Off-Label Drug Therapies" *Pharmacotherapy* Vol 26, No. 3, pp 323-332.

Baldwin, Carliss Y., Christoph Hienerth and Eric von Hippel (2006) "How user innovations become commercial products: a theoretical investigation and case study" *Research Policy*, Vol 35 No. 9 (November) pp. 1291-1313

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Mayer Studios, Inc. *et al.*, *Petitioners, vs Grokster, Ltd., et al., Respondents*” No. 04-480, (March)

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Morrison, Pamela D., John H. Roberts and Eric von Hippel (2000), “Determinants of User Innovation and Innovation Sharing in a Local Market,” *Management Science*, 46, 12 (December), pp1513-1527.

von Hippel, Eric, Stephan Thomke and Mary Sonnack (1999) “Creating Breakthroughs at 3M” *Harvard Business Review* 77, No.5 September-October, p. 47-57.

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von Hippel, Eric and William Riggs (1996) "A Lead User Study of Electronic Home Banking Services: Lessons from the Learning Curve." MIT Sloan School of Management Working Paper # 3911-96 (June).

von Hippel, Eric and Stephan Schrader (1996), "'Managed' Informal Information Trading: The Oil Scout System in Oil Exploration Firms." *International Journal of Technology Management*, Vol 11, Nos. 1&2 p.209-218.

von Hippel, Eric (1995) "User Learning, 'Sticky Information', and User-Based Design, MIT Sloan School of Management Working Paper #3815-95 (May).

von Hippel, Eric and Marcie Tyre (1995) "How "Learning by Doing" is Done: Problem Identification in Novel Process Equipment." Vol 24, No.1 *Research Policy* (January) p. 1-12.

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Herstatt, Cornelius, and Eric von Hippel (1992), "From Experience: Developing New Product Concepts Via the Lead User Method: A Case Study in a "Low Tech" Field", *Journal of Product Innovation Management*, 1992;9: 213-221.

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Patents:

The following patents describe electromechanical inventions related to facsimile. These were embodied in approximately 15,000 facsimile transceivers produced from 1967 to 1977.

von Hippel, U.S. Patent No. 3,369,691 *Electro-Sensitive Printing Resin Control System*, Issued October 10, 1972.

von Hippel, U.S. Patent No. 3,640,482, *Paper Feed Mechanism*, Issued February 9, 1972.

von Hippel, U.S. Patent No. 3,541,579, *Electronic Stylus Feed Mechanism*, Issued November 17, 1970.

von Hippel, U.S. Patent No. 3,533,249, *Scanner Speed Conditioning Unit*, Issued October 31, 1970.