

Prof Johan Schot Literature List

Contents

Articles	2
Monographs	6
Edited Volumes	6
Book Chapters	7
Conference Papers	11
Working Papers, Reports and Professional Publications	15
Keynotes and Invited Lectures	20

Articles

Mari Martiskainen, Johan Schot and Benjamin Sovacool (2021) User innovation, niche construction and regime destabilization in heat pump transitions, *Environmental Innovation and Societal Transitions*, volume 39, pages 119-140, DOI: [10.1016/j.eist.2021.03.001](https://doi.org/10.1016/j.eist.2021.03.001)

Kejia Yang, Johan Schot and Bernhard Truffer (2021) Shaping the directionality of sustainability transitions: the diverging development patterns of solar photovoltaics in two Chinese provinces, *Regional Studies*, DOI: [10.1080/00343404.2021.1903412](https://doi.org/10.1080/00343404.2021.1903412)

Benjamin Sovacool, David Hess, Sulfikar Amir, Frank W. Geels, Richard Hirsh, Leandro Rodriguez Medina, Clark Miller, Carla Alvial Palavicino, Roopali Phadke, Marianne Ryghaug, Johan Schot, Antti Silvast, Jennie Stephens, Andy Stirling, Bruno Turnheim, Erik van der Vleuten, Harro van Lente and Steven Yearley (2020) Sociotechnical agendas: Reviewing future directions for energy and climate research, *Energy Research & Social Science*, volume 70, DOI: [10.1016/j.erss.2020.101617](https://doi.org/10.1016/j.erss.2020.101617)

Kejia Yang, Ralitsa Petrova Hiteva, Johan Schot (2020) Expectation dynamics and niche acceleration in China's wind and solar power development, *Environmental Innovation and Societal Transitions* volume 36, pages 177-196, DOI: [10.1016/j.eist.2020.07.002](https://doi.org/10.1016/j.eist.2020.07.002)

Johan Schot (2020) Interpreting COVID-19 through the lens of the second-Deep Transition *Ökologisches Wirtschaften online*: <https://www.oekologisches-wirtschaften.de/index.php/oew/article/view/1758/0>

Laur Kanger and Johan Schot (2019) Deep transitions: Theorizing the long-term patterns of socio-technical change, *Environmental Innovation and Societal Transitions*, volume 32, pages 7-21, DOI: [10.1016/j.eist.2018.07.006](https://doi.org/10.1016/j.eist.2018.07.006)

Jonas Torrens, Johan Schot, Rob Raven and Phil Johnstone (2019) Seedbeds, harbours, and battlegrounds: On the origins of favourable environments for urban experimentation with sustainability, *Environmental Innovation and Societal Transitions*, volume 31, pages 211-232, DOI: [10.1016/j.eist.2018.11.003](https://doi.org/10.1016/j.eist.2018.11.003)

Laur Kanger, Frank W. Geels, Benjamin Sovacool and Johan Schot (2019) Technological diffusion as a process of societal embedding: Lessons from historical automobile transitions for future electric mobility, *Transportation Research Part D: Transport and Environment*, volume 71, pages 47-66, DOI: [10.1016/j.trd.2018.11.012](https://doi.org/10.1016/j.trd.2018.11.012)

Johan Schot and W. Edward Steinmueller (2018) Three frames for innovation policy: R&D, systems of innovation and transformative change, *Research Policy*, volume 47, issue 9, pages 1554-1567, DOI: [10.1016/j.respol.2018.08.011](https://doi.org/10.1016/j.respol.2018.08.011)

Johan Schot and W. Edward Steinmueller (2018) New directions for innovation studies: Missions and transformations, *Research Policy*, volume 47, issue 9, pages 1583-1584, DOI: [10.1016/j.respol.2018.08.014](https://doi.org/10.1016/j.respol.2018.08.014)

Jonas Torrens and Philip Johnstone, Johan Schot (2018) Unpacking the formation of favourable environments for urban experimentation: the case of the Bristol energy scene, *Sustainability*, volume 10, issue 3. ISSN 2071-1050, DOI: [10.3390/su10030879](https://doi.org/10.3390/su10030879)

Johan Schot and Laur Kanger (2018) Deep Transitions, Emergence, Acceleration, Stabilisation and Directionality, *Research Policy*, volume 47, issue 6, pages 1045-1059, DOI: [10.1016/j.respol.2018.03.009](https://doi.org/10.1016/j.respol.2018.03.009)

Laur Kanger and Johan Schot (2016) User-made immobilities: a transitions perspective *Mobilities*, volume 11, issue 4, pages 598 – 613, DOI: [10.1080/17450101.2016.1211827](https://doi.org/10.1080/17450101.2016.1211827)

Johan Schot, Laur Kanger, and Geert Verbong (2016) The role of users in shaping transitions to new energy systems. *Nature Energy*, volume 1, issue 5, article number 16054, pages 1 -7, DOI: [10.1038/nenergy.2016.54](https://doi.org/10.1038/nenergy.2016.54)

Johan Schot (2016) Confronting the Second Deep Transition through the Historical Imagination *Technology and Culture*, volume 57, issue 2, pages 445-456, DOI: [10.1353/tech.2016.0044](https://doi.org/10.1353/tech.2016.0044).

Rob Raven, Johan Schot, Frans Berkhout (2012) Space and scale in socio-technical transitions, *Environmental Innovation and Societal Transitions*, volume 4, pages 63-78, DOI: [10.1016/j.eist.2012.08.001](https://doi.org/10.1016/j.eist.2012.08.001)

Johan Schot (2012) The Mystery of the Failed European Common Transport Policy Explained, *Transfers*, volume 2, issue 2, pages 144-149, DOI: [10.3167/trans.2012.020212](https://doi.org/10.3167/trans.2012.020212)

John Grin, Jan Rotmans, Johan Schot (2011) On Patterns and Agency in Transition Dynamics: Some Key Insights from the KSI Programme, *Environmental Innovation and Societal Transitions*, volume 1, issue 1, pages: 76-81, DOI: [10.1016/j.eist.2011.04.008](https://doi.org/10.1016/j.eist.2011.04.008)

Frank Schipper and Johan Schot (2011) Infrastructural Europeanism, or the project of building Europe on infrastructures: an introduction, *History and Technology*, volume 27, issue 3, pages 245-264, DOI: [10.1080/07341512.2011.604166](https://doi.org/10.1080/07341512.2011.604166)

Johan Schot and Frank Schipper (2011) Experts and European Transport Integration 1945-1958, *Journal of European Public Policy*, volume 18, issue 2, pages 274-293, DOI: [10.1080/13501763.2011.544509](https://doi.org/10.1080/13501763.2011.544509)

Johan Schot, Hans Buiter and Irene Anastasiadou (2011) The dynamics of transnational railway governance in Europe during the long nineteenth century, *History and Technology*, volume 27, issue 3, pages 265-289 DOI: [10.1080/07341512.2011.604169](https://doi.org/10.1080/07341512.2011.604169)

Kiran Klaus Patel and Johan Schot (2011) Twisted Paths to European Integration: Comparing Agriculture and Transport Policies in a Transnational Perspective, *Contemporary European History*, volume 20, issue 4, pages 383-403 DOI: [10.1017/S0960777311000440](https://doi.org/10.1017/S0960777311000440)

Johan Schot and Vincent Lagendijk (2008) Technocratic Internationalism in the Interwar Years: Building Europe on Motorways and Electricity Networks, *Journal of Modern European History*, volume 6, issue 2, pages 196-216, DOI: [10.17104/1611-8944_2008_2_196](https://doi.org/10.17104/1611-8944_2008_2_196)

Johan Schot and Frank Geels (2008) Strategic Niche Management and Sustainable Innovation Journeys: Theory, Findings, Research agenda, and Policy, *Technology Analysis & Strategic Management*, volume 20, issue 5, pages 537-554, DOI: <https://doi.org/10.1080/09537320802292651>

Johan Schot and Jan-Pieter Smits (2007) Globalisering en geschiedenis. Nieuwe onderzoeksperspectieven, *Tijdschrift voor Sociale en Economische Geschiedenis*, volume 4, issue 3, pages 3-14, DOI: [10.18352/tseg.603](https://doi.org/10.18352/tseg.603)

Johan Schot (2007) Globalisering en infrastructuur *Tijdschrift voor Sociale en Economische Geschiedenis*, volume 4, issue 3, pages 107-128.

Johan Schot and Frank Geels (2007) Niches in Evolutionary Theories of Technical Change, *Journal of Evolutionary Economics*, volume 17, issue 5, pages 605-622, DOI: [10.1007/s00191-007-0057-5](https://doi.org/10.1007/s00191-007-0057-5)

Johan Schot and Frank Geels (2007) Typology of Sociotechnical Transition Pathways, *Research Policy*, volume 36, issue 3, pages 399-417, DOI: [10.1016/j.respol.2007.01.003](https://doi.org/10.1016/j.respol.2007.01.003)

Thomas J. Misa and Johan Schot (2005) Inventing Europe: Technology and the Hidden Integration of Europe, *History and Technology*, volume 21, issue 1, pages 1-20, DOI: [10.1080/07341510500037487](https://doi.org/10.1080/07341510500037487)

Hugo van Driel and Johan Schot (2005) 'Radical Innovation as a Multilevel Process: Introducing Floating Grain Elevators in the Port of Rotterdam', *Technology and Culture*, volume 46, issue 1, pages 51-77, DOI: [10.1353/tech.2005.0011](https://doi.org/10.1353/tech.2005.0011)

Johan Schot (2004) 'De emancipatie van de techniekgeschiedenis', *Tijdschrift voor Sociale en Economische Geschiedenis*, 1 (1), pages 156-160.

Gijs Mom, Peter Staal and Johan Schot (2002) De beschaving van het gemotoriseerde avontuur. ANWB en KNAC als wegbereiders bij de inburgering van de auto in Nederland, *Tijdschrift voor Sociale Geschiedenis*, volume 28, issue 3, pages 323-346.

Onno de Wit, Jan van den Ende, Johan Schot and Ellen van Oost (2002) Innovation Junctions: Office Technologies in the Netherlands, 1880-1980, *Technology and Culture*, volume 43, issue 1, pages 50-72, DOI: [10.1353/tech.2002.0012](https://doi.org/10.1353/tech.2002.0012)

Hugo van Driel and Johan Schot (2001) Regime-transformatie in de Rotterdamse graanoverslag, *NEHA Jaarboek voor economische, bedrijfs- en techniekgeschiedenis* volume 64, pages 286-318.

Johan Schot (2001) Einleitung Kontextualistische Technikgeschichte in den Niederlanden, *Technikgeschichte*, volume 68, issue 2, pages 93-106.

Johan Schot (2001) Towards New Forms of Participatory Technology Development, *Technology Analysis & Strategic Management*, volume 13, issue 1, pages 39-52, DOI: doi.org/10.1080/09537320120040437

René Kemp, Johan Schot and Remco Hoogma (1998) Regime Shifts to Sustainability Through Processes of Niche Formation. The Approach of Strategic Niche Management, *Technology Analysis & Strategic Management*, volume 10, issue 2, pages 175-195, DOI: doi.org/10.1080/09537329808524310

Johan Schot (1998) The Usefulness of Evolutionary Models for Explaining Innovation. The Case of the Netherlands in the Nineteenth Century, *History and Technology*, volume 14, pages 173-200, DOI: doi.org/10.1080/07341519808581928

Johan Schot, Wybren Verstegen, Ernst Homburg, Harry Lintsen and Arie Rip (1997) Naar een Techniekhistorisch overzichtswerk voor de Twintigste Eeuw. Een contextualistische geschiedenis van de techniek voor Nederland internationaal vergeleken, *NEHA Jaarboek voor economische, bedrijfs- en techniekgeschiedenis*, volume 60, pages 339-377.

Johan Schot, Ellis Brand and Kurt Fischer (1997) The Greening of Industry for a Sustainable Future; The Building of an International Research Agenda, *Business Strategy and the Environment*, volume 6, issue 3, pages 1-10, DOI: [doi.org/10.1002/\(SICI\)1099-0836\(199707\)6:3<153::AID-BSE109>3.0.CO;2-Y](https://doi.org/10.1002/(SICI)1099-0836(199707)6:3<153::AID-BSE109>3.0.CO;2-Y)

Johan Schot and Arie Rip (1997) The Past and Future of Constructive Technology Assessment, *Technological Forecasting and Social Change*, volume 54, issues 2-3, pages 251-268, DOI: [doi.org/10.1016/S0040-1625\(96\)00180-1](https://doi.org/10.1016/S0040-1625(96)00180-1)

René Kemp and Johan Schot (1996) De toekomst voorspeld voor de toepassing van milieugerichte technieken, *Milieu*, volume 11, issue 5, pages 223-232.

Johan Schot (1996) De inzet van constructief technology assessment, *Kennis en Methode*, volume 20, issue 3, pages 265-293.

H. Lintsen, E. Homburg, J.W. Schot, G.P.J. Verbong, D. van Lente and M. Bakker (1995) Tussen droom en daad..., *NEHA Jaarboek voor economische, bedrijfs- en techniekgeschiedenis* (Amsterdam: NEHA), volume 58, pages 89-113. Also published in: *Gewina: Tijdschrift voor de Geschiedenis van de Geneeskunde, Natuurwetenschappen, Wiskunde en Techniek* (1995), volume 18, issue 4, pages 357-380.

Johan Schot, Remco Hoogma and Boelie Elzen (1994) Strategies for Shifting Technological Systems. The Case of the Automobile System, *Futures* volume 26, issue 10, pages 1060-1076, DOI: [doi.org/10.1016/0016-3287\(94\)90073-6](https://doi.org/10.1016/0016-3287(94)90073-6)

Johan Schot (1992) Credibility and Markets as Greening Forces for the Chemical Industry', *Business Strategy and the Environment*, volume 1, issue 1, pages 35-44 DOI: doi.org/10.1002/bse.3280010106

Johan Schot (1992) Constructive Technology Assessment and Technology Dynamics: The Case of Clean Technologies, *Science, Technology, & Human Values*, volume 17, issue 1, pages 36-56, DOI: <https://www.jstor.org/stable/689849> (Translated into Spanish in 1997).

Jacqueline Cramer, Johan Schot, F. van den Akker and G. Maas Geesteranus (1990) 'Stimulating Cleaner Technologies through Economic Instruments: Possibilities and Constraints', *UNEP Industry and Environment Review*, 13 (2), pages 46-53.

Johan Schot (1988) Regelgeving en technologische ontwikkeling: Mogelijkheden voor sturing, *Tijdschrift voor Politieke Economie*, volume 11, issue 3, pages 79-96.

E. Homburg and J.W. Schot (1988) Financiers van de Nederlandse industrialisatie. Economische drijfveren, sociale herkomst en familierelaties. Het voorbeeld van de garancine-industrie 1845-1854, *Tijdschrift voor Sociale Geschiedenis*, volume 14, issue 3, pages 274-298.

E. Homburg and J.W. Schot (1988) Innoverend ondernemerschap in het midden van de 19e eeuw; een onderzoek naar de oprichters van de Nederlandse garancine-industrie', *Jaarboek voor Geschiedenis van Bedrijf en Techniek*, volume 5, pages 86-101.

Johan Schot and E. Homburg (1988) 'De garancine-fabriek te Zierikzee, 1846-1882. Een moderne industrie met milieuproblemen', *Kroniek van het land van de Zeemeermin (Schouwen-Duiveland)* 13, pages 61-78.

Johan Schot (1988) De aard van de technische ontwikkeling ontrafeld', *Wetenschap en Samenleving* (1988), 1, pages 19-24.

Johan Schot (1987) Het meekrapbedrijf in Nederland in de negentiende eeuw nader bezien in het licht van het industrialisatiedebat, in: *Economisch- en Sociaal-Historisch Jaarboek*, volume 50, pages 77-110.

Johan Schot (1986) 'De meekrapnijverheid: de ontwikkeling van de techniek als een proces van variatie en selectie', *Jaarboek voor de Geschiedenis van Bedrijf en Techniek*, volume 3, pages 43-62.

J. van Eijndhoven, Johan Schot and A. Rip, 'Implementatie van milieunormen: onderzoek en praktijk', *Wetenschap en Samenleving* (1986), 9/10, 35-39.

J.W. Schot, 'De risico's van biotechnologie en de valkuilen van de risicodiskussie', *Wetenschap en Samenleving* (1986), 8, 3-7.

J.W. Schot and J. Vogel, 'Techniekgeschiedenis', *Concept Tijdschrift voor Maatschappijgeschiedenis* (1986), 3, 184-187.

Th. Klein and J.W. Schot, 'Luddisme gezien vanuit een alternatieve techniekvisie', *Concept Tijdschrift voor Maatschappijgeschiedenis* (1985), 2, 98-111.

J.W. Schot, 'Conceptueel versus instrumenteel opnieuw bekeken: een reactie', *Concept Tijdschrift voor Maatschappijgeschiedenis* (1985), 2 (2), 112-119.

J.W. Schot, 'Geschiedenis als blikopener van alternatieven?', *Concept Tijdschrift voor Maatschappijgeschiedenis* (1984), 1 (2), 145-147.

Monographs

Wolfram Kaiser and Johan Schot (2014), *Writing the Rules for Europe: Experts, Cartels and International Organisations*, (London: Palgrave MacMillan UK, 2014).

John Grin, Jan Rotmans and Johan Schot with Frank Geels and Derk Loorbach (2010) *Transitions Towards Sustainable Development. New Directions in the Study of Long-Term Transformative Change* (New York/London: Routledge 2010).

Remco Hoogma, Rene Kemp, Johan Schot and Bernhard Truffer (2002) *Experimenting for Sustainable Transport. The Approach of Strategic Niche Management* (London: Spon Press 2002).

Hans Dieleman, René van Berkel, Femke Reijenga, Sybren de Hoo, Han Brezet, Jacqueline Cramer and Johan Schot (1991) *Kiezen voor Preventie is Winnen. Naar een preventief milieubeleid van bedrijf en overheid*. (The Hague: SDU Uitgeverij 1991).

Johan Schot (1991) *Maatschappelijke Sturing van Technische Ontwikkeling. Constructief Technology Assessment als Hedendaags Luddisme*, PhD. thesis published in the WMW publication series, Faculteit Wijsbegeerte en Maatschappijwetenschappen, University of Twente (1991), 9.

Edited Volumes

Johan Schot, Harry Lintsen and Arie Rip (eds.), *Technology and the Making of the Netherlands: The Age of Contested Modernization*, (Cambridge Mass: MIT Press 2010).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume VII: Techniek en Modernisering. Balans van de Twintigste Eeuw* (Zutphen: Walburg Pers 2003).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume VI: Stad, Bouw, Industriële productie* (Zutphen: Walburg Pers 2003).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume IV: Huishoudtechnologie, Medische Techniek* (Zutphen: Walburg Pers 2001).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume III: Landbouw, Voeding* (Zutphen: Walburg Pers 2000).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume II: Delfstoffen, Energie, Chemie* (Zutphen: Walburg Pers 2000).

J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume I: Techniek in ontwikkeling, Waterstaat, Kantoor en informatietechnologie* (Zutphen: Walburg Pers 1998).

Peter Groenewegen, Kurt Fischer, Edith G. Jenkins and Johan Schot (eds.), *The Greening of Industry Resource Guide and Bibliography* (Washington D.C: Island Press 1996).

Arie Rip, Tom Misa and Johan Schot (eds.), *Managing Technology in Society. The Approach of Constructive Technology Assessment* (London: Pinter Publisher 1995).

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot and G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume VI: Techniek en samenleving* (Zutphen: Walburg Pers 1995).

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot en G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume V: Techniek, beroep en praktijk* (Zutphen: Walburg Pers 1994).

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot and G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume IV: Delfstoffen, machine- en scheepsbouw, Stoom, Chemie, Telegrafie en telefonie* (Zutphen: Walburg Pers 1994).

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot and G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume III: Textiel, Gas, licht en elektriciteit, Bouw* (Zutphen: Walburg Pers 1993).

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot and G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume II: Gezondheid en openbare hygiëne, Waterstaat en infrastructuur, Papier, druk en communicatie* (Zutphen: Walburg Pers 1993).

Kurt Fischer and Johan Schot (eds.), *Environmental Strategies for Industry: International Perspectives on Research Needs and Policy Implications* (Washington: Island Press 1993). Also translated and published in 1999 into Japanese.

H.W. Lintsen, M.S.C. Bakker, E. Homburg, D. van Lente, J.W. Schot and G.P.J. Verbong (eds.), *Geschiedenis van de Techniek in Nederland. De wording van een moderne samenleving 1800-1890. Volume I: Techniek en modernisering, Landbouw en voeding* (Zutphen: Walburg Pers 1992).

Book Chapters

Chux Daniels, Johan Schot, Joanna Chataway, Matías Ramirez, Ed Steinmueller and Laur Kanger, 'Transformative Innovation Policy: Insights from Columbia, Finland, Norway, South Africa and Sweden', in MBG Cele, TM Luescher and A Wilson Fadji, *Innovation Policy at the Intersection: Global Debates & Local Experiences*, (Cape Town, HSRC Press, 2020), pages 9-23.

Marcel van der Linden, and Elisa Reis (coordinating lead authors), Massimo Livi Bacci, Stephen Castles, Raul Degago Wise, Naila Kabeer, K.P. Kannan, Ronaldo Munch, Adrienne Rovers, Johan Schot, Göran Therborn, Peter Wagner (lead authors), 'Social Trends and New Geographies' in *Rethinking Society for the 21st Century*, International Panel on Social Progress (eds), *Rethinking Society for 21st Century*, volume 1, (Cambridge, Cambridge University Press, 2018), pages 9-40.

Matthew Adler, Helga Nowotny (coordinating lead authors), Cary Coglianese, Sheila Jasanoff, Ravi Kanbur, Brian Levy, Ole F. Nortier, Johan Schot, Christiana Spiel, Simon Schwartzman (lead authors), 'The Contributions of Social Sciences to Policy and Institutional Change', in *International Panel on Social Progress Report*, volume 3, (Cambridge, Cambridge University Press, 2018), pages 847-886.

Johan Schot and Frank W. Geels, 'Strategic niche management and sustainable innovation journeys: theory, findings, research agenda, and policy', in: Frank W. Geels et al (eds), *The Dynamics of Sustainable Innovation Journeys* (London and New York, Routledge, 2011), pages 17-34.

Johan Schot, 'Transnational Infrastructures and European Integration. A conceptual Exploration', in: Christophe Bouneau et al (eds), *Trends in Technological Innovation and the European Construction* (Bruxelles: P.I.E. Peter Lang, 2010), pages 97-120.

Dick van Lente and Johan Schot, 'Technology as Politics: Engineers and the Design of Dutch Society', in: Johan Schot et al (eds.), *Technology and the Making of the Netherlands: the Age of Contested Modernization, 1890-1970* (Cambridge Mass: MIT Press 2010), 365-431.

Johan Schot and Arie Rip, 'Inventing the power of modernization', in: Johan Schot et al (eds.), *Technology and the Making of the Netherlands: the Age of Contested Modernization, 1890-1970* (Cambridge Mass: MIT Press 2010), pages 13-45.

Johan Schot and Dick van Lente, 'Technology, industrialization, and the contested modernization of the Netherlands', in: Johan Schot et al (eds.), *Technology and the Making of the Netherlands: the Age of Contested Modernization, 1890-1970* (Cambridge Mass: MIT Press 2010), pages 485-541.

Johan Schot, 'Transnational Infrastructures and the Origins of European Integration', in: A. Badenoch and A. Fickers (eds.), *Europe Materializing? Transnational Infrastructures and the Project of Europe* (Houndsmill: Palgrave/Macmillan 2010), pages 82-109.

Johan Schot, 'Transnational Infrastructures and European Integration: A Conceptual Exploration', in: Christoph Bouneau and Antonio Vasori (eds.), *Trends in Technological Innovation and the European Construction: The Emerging of Enduring Dynamics?*, (Brussel/Bern/Berlin: Springer Verlag 2010), pages 97-122.

Gijs Mom, Peter Staal and Johan Schot, 'Civilizing Motorized Adventure, Touring and Automobile Clubs as Intermediaries in the Emergence of the Automobile in The Netherlands', in: Ruth Oldenziel, Adri Albert de la Bruhèze and Onno de Wit (eds.), *Manufacturing Technology/Manufacturing Consumers* (Amsterdam: Aksant 2009), pages 139-158.

Johan Schot, 'The Idea of Constructive Technology Assessment', in: Carl Mitcham (ed.), *Encyclopedia of Science, Technology, and Ethics* (Thomson Gale, Macmillan 2005), pages 423-426.

Onno de Wit, Jan van den Ende, Johan Schot and Ellen van Oost, 'Innovation Junctions: Office Technologies in the Netherlands, 1880-1980', in: Lisa Rosner (ed.), *The Technological Fix. How People Use Technology to Create and Solve Problems* (New York/London: Routledge 2004), pages 219-240.

Johan Schot en Arie Rip, 'Techniek en de geschiedenis van Nederland in de twintigste eeuw', in: J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume VII: Techniek en Modernisering. Balans van de Twintigste Eeuw* (Zutphen: Walburg Pers 2003), pages 14-41.

Johan Schot en Dick van Lente, 'Techniek als politiek: ingenieurs en de vormgeving van de Nederlandse samenleving', in: J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume VII: Techniek en Modernisering. Balans van de Twintigste Eeuw* (Zutphen: Walburg Pers 2003), pages 197-233.

Dick van Lente en Johan Schot, 'Techniek, industrialisatie en de betwiste modernisering van Nederland', in: J.W. Schot, H.W. Lintsen, A. Rip, A. Albert de la Bruhèze et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume VII: Techniek en Modernisering. Balans van de Twintigste Eeuw* (Zutphen: Walburg Pers 2003), pages 257-285.

Johan Schot and Adri Albert de la Bruhèze, 'The Mediated Design of Products, Consumption and Consumers in the Twentieth Century', in: Nelly Oudshoorn and Trevor Pinch (eds.), *How Users Matter: The Co-Construction of Users and Technology* (Cambridge: MIT Press 2003), pages 229-246.

Johan Schot, 'The Contested Rise of a Modernist Technology Politics', in: Thomas J. Misa, Philip Brey and Arie Rip (eds.), *Modernity and Technology* (Cambridge: MIT Press 2003), pages 257-278.

Johan Schot, 'De mobiliteitsexplosie in de twintigste eeuw', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 13-17.

Johan Schot, Gijs Mom, Ruud Filarski and Peter Staal, 'Concurrentie en afstemming: water, rails, weg en lucht', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 19-43.

Gijs Mom, Johan Schot and Peter Staal, 'Werken aan mobiliteit: de inburgering van de auto', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 45-73.

Hugo van Driel and Johan Schot, 'Het ontstaan van een gemechaniseerde massagoedhaven in Rotterdam', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 75-95.

Hugo van Driel and Johan Schot, 'Indirecte overslag en de komst van de container', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 97-115.

Marc Dierikx, Johan Schot and Ad Vlot, 'Van uthoek tot knooppunt: Schiphol', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 117-143.

Johan Schot, 'Begrensde mobiliteit?', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume V: Transport, Communicatie* (Zutphen: Walburg Pers 2002), pages 145-149.

Arie Rip and Johan Schot, 'Identifying *Loci* for Influencing the Dynamics of Technological Development', in: K.H. Sørensen and R. Williams (eds.), *Shaping Technology, Guiding Policy: Concepts, Spaces and Tools* (Cheltenham: Edward Elgar 2002), pages 155-172.

Johan Schot, 'Towards New Forms of Participatory Technology', in: Andrew Jamison and Harald Rohracher (eds.), *Technology Studies & Sustainable Development* (München/Wien: Profil 2002) pages 41-63.

Johan Schot, 'Constructive Technology Assessment as Reflexive Technology Politics', in: Philippe Goujon and Bertrand Hériard Dubreuil (eds.), *Technology and Ethics. A European Quest for Responsible Engineering.*, (Leuven: Peeters 2001), pages 239-249.

Remco Hoogma and Johan Schot, 'How Innovative Are Users? A Critique of Learning-By-Doing and -Using', in: Rod Coombs, Ken Green, Albert Richards and Vivien Walsh (eds.), *Technology and the Market. Demand, Users and Innovation* (Cheltenham: Edward Elgar 2001), pages 216-233.

René Kemp, Arie Rip and Johan Schot, 'Constructing Transition Paths Through the Management of Niches', in: Raghu Garud and Peter Karnøe (eds.), *Path Dependence and Creation* (New Jersey/London: Lawrence Erlbaum Associates Publishers 2001), pages 269-299.

Frans van der Most, Johan Schot and Ben Gales, 'Zout', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume II* (Zutphen: Walburg Pers 2000), pages 91-102.

Arie Rip and Johan Schot, 'Anticipating on Contextualization – *Loci* for Influencing the Dynamics of Technological Development', in: D. Sauer and C. Lang (ed.), *Paradoxien der Innovation. Perspektiven sozialwissenschaftlicher Innovationsforschung* (Frankfurt/New York: Campus Verlag 1999), pages 129-146.

Boelie Elzen, Remco Hoogma and Johan Schot, 'Integrating Electric Vehicles in a Sustainable Transport System: Strategic Niche Management as a New Policy-instrument', in: A. Rip (ed.), *Steering and Effectiveness in a Developing Knowledge Society* (Utrecht: Lemma Uitgeverij 1998), pages 91-110.

Johan Schot, Harry Lintsen and Arie Rip, 'Betwiste Modernisering', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume I* (Zutphen: Walburg Pers 1998), pages 19-36.

Johan Schot, Harry Lintsen en Arie Rip, 'Methode en opzet van het onderzoek', in: J.W. Schot et al. (eds.), *Techniek in Nederland in de Twintigste Eeuw. Volume I* (Zutphen: Walburg Pers 1998), pages 37-52.

Johan Schot, 'Duurzame ontwikkeling: een uitdaging voor de industrie', in: K.R.D. Lulofs en G.J.I. Schrama (eds.), *Ketenbeheer. Jaarboek 1998 van het Centrum voor Schone Technologie en Milieubeleid*, (Universiteit Twente: 1997), pages 143-154.

Peter Groenewegen, Kurt Fischer, Edith G. Jenkins and Johan Schot, 'Introduction', in: Peter Groenewegen, Kurt Fischer, Edith G. Jenkins and Johan Schot (eds.), *The Greening of Industry Resource Guide and Bibliography* (Washington D.C: Island Press 1996), pages 1-7.

Johan Schot, 'Innoveren in Nederland', in: Harry Lintsen et al., *Techniek en Modernisering in Nederland, 1800-1890. Volume VI* (Zutphen: Walburg Pers 1995), pages 217-240.

Arie Rip, Tom Misa, and Johan Schot, 'Constructive Technology Assessment: A new Paradigm for Managing Technology in Society', in: Arie Rip, Tom Misa and Johan Schot (eds.), *Managing Technology in Society. The Approach of Constructive Technology Assessment* (London: Pinter Publisher 1995), pages 1-14.

Arie Rip, Tom Misa and Johan Schot, 'Epilogue', in: Arie Rip, Tom Misa and Johan Schot (eds.), *Managing Technology in Society. The Approach of Constructive Technology Assessment* (London: Pinter Publisher 1995), pages 347-353.

Johan Schot, Strategie en Milieu, in: Braakhuis et al. *Milieumanagement. Van kosten naar baten*. (Alphen aan den Rijn: Samson H.D. Tjeenk Willink 1995), pages 25-46.

Boelie Elzen, Johan Schot en Remco Hoogma, 'Strategies for Influencing the Car System', in: Knut Holtan Sørensen, *The Car and Its Environments: the Past, The Present and Future of the Motorcar in Europe* (Luxembourg: European Commission 1994).

Johan Schot and Ernst Homburg, 'Meekrap en Garancine', in: Harry Lintsen et al. (eds.), *Techniek en modernisering in Nederland, 1800-1890. Volume IV* (Zutphen: Walburg Pers 1994) pages 217-240.

Johan Schot and Kurt Fischer, 'Introduction: The Greening of the Industrial Firm', in: Kurt Fischer and Johan Schot (eds.), *Environmental Strategies for Industry: International Perspectives on Research Needs and Policy Implications* (Washington: Island Press 1993), pages 3-33.

Jacqueline Cramer and Johan Schot, 'Environmental Comakership among Firms as a Cornerstone in the Striving for Sustainable Development', in: Kurt Fischer and Johan Schot (eds.), *Environmental Strategies for Industry: International Perspectives on Research Needs and Policy Implications* (Washington: Island Press 1993), pages 311-328.

Johan Schot and Kurt Fischer, 'Conclusion: Research Needs and Policy Implications', in: Kurt Fischer and Johan Schot (eds.), *Environmental Strategies for Industry: International Perspectives on Research Needs and Policy Implications* (Washington: Island Press 1993), pages 369-374.

Johan Schot: 'Comments: The Tensions Between Paradigmatic and Local Features of Technical Change', in: M. Hard (ed.), *Automobile Engineering in a Dead End: Mainstream and Alternative Developments in the 20th Century*, Gothenburg University, 1992, pages 83-88.

Johan Schot, 'The Policy Relevance of the Quasi-Evolutionary Model: The Case of Stimulating Clean Technologies', in: Rod Coombs, Paolo Saviotti and Vivien Walsh (eds.), *Technological Change and Company Strategies* (London: Academic Press 1992), pages 185-200.

Johan Schot, 'Technology in Decline: a Search for Useful Concepts. The Case of the Madder Industry', in: Anthony S. Travis, Willem J. Hornix and Robert Bud (eds.), *Organic Chemistry and High Technology, 1850-1950*, Special Issue: *British Journal for the History of Science* (1992), 1, pages 5-26.

Jacqueline Cramer and Johan Schot, 'Praktijkproblemen bij innovatie en diffusie van milieutechnologie belicht vanuit een technologie-dynamica perspectief', in: A.P.J. Mol, G. Spaargaren and A. Klapwijk, *Technologie en milieubeheer. Tussen sanering en ecologische modernisering* (Dan Haag: SDU Uitgeverij 1991), pages 81-91.

Johan Schot, 'Contouren van een milieutechnologiebeleid', in: H. Vollebergh, *Milieu en Innovatie* (Groningen: Wolters-Noordhoff 1989), pages 51-70.

Dick van Lente and Johan Schot, 'Heijenbrock en de Nederlandse industrialisatie', in: W. Buitelaar en R. Vreeman (eds.), *In het spoor van Heijenbrock. Beelden van industriële ontwikkeling*. (Amsterdam: Uitgeverij De Balie 1988), pages 20-29.

Johan Schot, 'Zelfregelgeving als een spel', in: G. Huppes, W.T. de Groot and H. Bezemer, *Instrumenten voor Milieubeleid* (Alphen aan den Rijn: Samsom Uitgeverij 1988), pages 194-203.

Conference Papers

(Conference Papers between 2012 and spring 2020 have not been recorded)

Kejia Yang, Johan Schot and Bernhard Truffer, 'Shaping the directionality of sustainability transitions: The diverging development pathways of solar PV in two Chinese provinces' at the 11th International Sustainability Transition Conference, (Online Event) 18-21 August 2020, organised by AIT Austrian Institute of Technology, Centre for Innovation Systems & Policy, Vienna University of Economics and Business, Institute for Law and Governance/Research Institute for Urban Management and Governance in association with the Sustainable Transition Research Network (STRN).

Johan Schot, Bipashyee Ghosh, Paula Kivimaa, Jonas Torrens and Matias Ramirez, 'Transformative Outcomes: Assessing and reorienting experimentation with transformative innovation policy' at the 11th International Sustainability Transition Conference, (Online Event) 18-21 August 2020, organised by AIT Austrian Institute of Technology, Centre for Innovation Systems & Policy, Vienna University of Economics and Business, Institute for Law and Governance/Research Institute for Urban Management and Governance in association with the Sustainable Transition Research Network (STRN).

Phil Johnstone, Caitriona McLeish and Johan Schot, 'The changing landscape of Deep Transitions: the case of chemical warfare and sociotechnical imprinting' at the 11th International Sustainability Transition Conference, (Online Event) 18-21 August 2020, organised by AIT Austrian Institute of Technology, Centre for Innovation Systems & Policy, Vienna University of Economics and Business, Institute for Law and Governance/Research Institute for Urban Management and Governance in association with the Sustainable Transition Research Network (STRN).

Jiri Janac, Johan Schot, Slawomir Ltysz 'Bridging Europeanization and Sovietization for Railways in Cold War Europe', paper at the conference 'Economic Entanglements in East-Central Europe and the COMECON's Position in the Global Economy, 1949-1991', Leipzig, 14-16 November 2012.

Johan Schot 'The Origins of a European Technocracy, or the Governing of Europe by experts', paper presented at 9th European Social Science History Conference, 11 April 2012, Glasgow, Scotland.

Johan Schot, 'Cold War Europeanisation of Railway Governance by Experts', paper presented at Exploratory workshop 'How Eastern and Western Europe did meet in International Organizations (1945-1973)? A post-cold war perspective', 24 June 2011, International Research Center IGK 'Work and Life Cycle in Global History' at the Humboldt University, Berlin, Germany.

Johan Schot, 'Experts in Interwar International Machinery. The League of Nations' Organization for Communications and Transit', paper presented at workshop 'Towards a New History of the League of Nations', 25-26 August 2011, Geneva, Switzerland.

Johan Schot and Frank Schipper, 'Experts, their Beliefs and Networks in European Transport Integration, 1945-1958', paper presented at the International Association for the History of Transport, Traffic and Mobility Conference, 5-8 November 2009, Lucerne, Switzerland.

Johan Schot and Frank Schipper, 'Experts, their Beliefs and Networks in European Transport Integration, 1945-1958', paper presented at the ECPR workshop The Role of Transnational Experts in European Integration: Recharging the Debate, 14-19 April 2009, Lisbon, Portugal.

Johan Schot, 'European transport integration after Second World War', paper presented at Padua workshop 'Trends in technological innovation and the European construction: the emerging of enduring dynamics?', 6-7 June 2008, Padua, Italy.

Johan Schot and Frank Geels, 'Path creation, societal embedding and socio-technical transitions: How automobiles entered Dutch society (1898-1970)', paper presented at ECIS workshop "Technological discontinuities and transitions: Evolution theory and inter-disciplinary crossovers", 14-16 May 2008, Eindhoven, The Netherlands.

Johan Schot, Gijs Mom and Frank Geels, 'Path creation, societal embedding and socio-technical transitions: The emergence and diffusion of automobiles in the Netherlands (1898-1970), paper presented at workshop "Innovation, institutions and path dependence: the management of variation and diversity on innovation systems", 15-18 April 2007, Zurich, Switzerland.

Johan Schot and Frank Geels, 'Strategic Niche Management: Theoretical background and policy considerations', 2-3 October 2006, international expert workshop on 'Sustainable Innovation Journeys', Utrecht, The Netherlands.

Johan Schot and Erik van der Vleuten, 'Infrastructures, Globalisation, and European Integration. A historiographical and Conceptual Exploration', paper presented at Posthumus Conference, 1 September 2005, Het Kasteel, Groningen, The Netherlands.

Johan Schot, Geert Verbong and Frank Geels, 'A long-term historical analysis of path dependencies and changes in the Dutch electricity system: Hindrances and possibilities for future energy transitions', paper presented by Verbong and Geels at 'The 45th European Congress of the Regional Science Association, 25 August 2005, Amsterdam, The Netherlands.

Johan Schot and Erik van der Vleuten, 'Transnational Infrastructures and the Rise of Contemporary Europe', paper presented at SHOT 2004, 8 October 2004, Renaissance Amsterdam Hotel, Amsterdam, The Netherlands.

Johan Schot, 'Imagining and Living Europe', paper presented at Dialogue session of First Plenary Conference Tensions of Europe, 20 March 2004, Central European University, Budapest, Hungary.

Johan Schot 'Transnational Infrastructures and the Rise of Contemporary Europe', paper presented at PhD Course Cultures of Technology, 11 September 2003, Centre for technology and society/Department of interdisciplinary studies of culture, Norwegian University of Science and Technology, Norway.

Dick van Lente and Johan Schot 'Technology as Politics: The Shaping of Dutch Society by Engineers, Architects, Town and Regional Planners from the Late Nineteenth Century to the Late Twentieth Century' paper presented at the ICOHTEC conference, 22 August 2003, St. Petersburg, Russia.

Hugo van Driel and Johan Schot 'Socio technological regime shifts in Rotterdam grain handling, paper presented at the ECIS Conference on "The Future of Innovation Studies", Eindhoven, 20-23 September 2001.

Johan Schot and Frank Geels, Emerging Impacts of Technological Change, paper presented at the workshop 'The Rise of Systemic Society', 16 June 2000, Eindhoven organised by the Foundation for the History of Technology (SHT).

Johan Schot, 'Modernity and Technology.' Paper presented at the international workshop Technology and Modernity: the Empirical Turn, Enschede, The Netherlands, 18-20 November 1999.

Johan Schot, 'Methods for contextual history of technology.' Paper presented at the annual meeting of the Society for the History of Technology, Detroit, USA, October 1999

Remco Hoogma and Johan Schot 'How innovative are users? A critique of learning-by-doing and -using.' Paper for the Fifth International ASEAT Conference 'Demands, Markets, Users and Innovation: Sociological and Economic Approaches', Manchester, 14-16 September 1999.

Johan Schot and Adri Albert de la Bruhèze, 'Maakbaarheid en Techniek. De verborgen rol van consumptie en consumenten.' Paper ten behoeve van de conferentie 'Maakbaar Nederland' georganiseerd door de Stichting Maatschappijgeschiedenis op 28 mei 1999 te Amsterdam.

Johan Schot, 'The Usefulness of Evolutionary Models for Explaining Innovation and Suggesting Options for Technology Policy.' Paper for the N.W. Posthumus Seminar 'Technology and Productivity in Historical Perspective', NIAS-Wassenaar, 27-28 May 1999.

Remco Hoogma, Boelie Elzen and Johan Schot, 'Improving the design of EV Experiments', Proceedings of the 15th Electric Vehicle Symposium, Brussel, 1-3 October 1998. Proceedings on CD-Rom.

Boelie Elzen, Johan Schot and Remco Hoogma, 'Managing Socio-Technical Change - How to Design Experiments with Electric Vehicles as a Stepping Stone Towards a Sustainable Transportation System.' Paper for the EASST General Conference "Cultures of Science and Technology - Europe and the Global Context", Lisbon, 1-3 October 1998.

Frank Geels and Johan Schot, 'Reflexive technology policies and sociotechnical scenarios.' Paper presented at the conference 'Constructing tomorrow: Technology strategies for the new millennium', Bristol, 14-15 September 1998.

Johan Schot, 'Constructive Technology Assessment Comes of Ages.' Paper at the workshop Cultural Politics of Technology, Trondheim, Norway, 15-16 June 1998.

Boelie Elzen, Johan Schot en Remco Hoogma, 'Integrating EV's in a Sustainable Transport System: Strategic Niche Management as a new Policy Instrument', Proceedings of the 14th International Electric Vehicle Symposium, Orlando, FL (U.S.A.), 15-17 December 1997.

Remco Hoogma, Boelie Elzen and Johan Schot, 'Sociotechnical Scenario's for the future of Transport.' Paper at the Sixth Conference of the Greening of Industry Network, 16-19 November 1997, Santa Barbara, California.

René Kemp, Arie Rip and Johan Schot, Constructing Transition Paths through the Management of Niches, paper presented at the workshop: Pathcreation and Dependence, Copenhagen, 19-22 August 1997.

René Kemp, Johan Schot and Remco Hoogma, 'Regime Shifts through Processes of Niche Formation. The Case of Transport.' Paper presented at the fifth Greening of Industry Network conference, Heidelberg, November 24-27, 1996.

Remco Hoogma and Johan Schot, 'How innovative are users?' Paper presented at the EASTT conference, Bielefeld 10-13 October 1996.

Johan Schot, Innovating in The Netherlands, paper presented at the annual conference of the Society for the History of Technology, London, 1-4 August 1996.

Boelie Elzen, Remco Hoogma and Johan Schot, Optimizing Development and Use of Electric Vehicles from an Environmental Perspective, presented at the Electric Vehicle Technology Conference-1995 Conference, Paris 13-15 November 1995.

Boelie Elzen, Johan Schot and Remco Hoogma, 'Stimulating Stimulation. Developing Support for the Development of Supercars', presented at the ISATA conference, Aken 31 October-4 November 1994.

Boelie Elzen, Johan Schot and Remco Hoogma, 'Influencing Technological Development. Electric Vehicles and the Environment', presented at the 19th Annual Meeting of the Society of the Social Studies of Science, New Orleans, October 12-15 1994.

Johan Schot, Boelie Elzen en Remco Hoogma, Strategies for Shifting Technological Trajectories, presented at the second international research conference of the Greening of Industry Network Designing the Sustainable Enterprise, Boston, 14-16 November 1993.

Boelie Elzen, Johan Schot and Remco Hoogma, 'Strategies for Influencing the Car System', presented at the workshop The Car and its Environments. The Past, Present and Future of the Motorcar in Europe, COST A4 Workshop in Trondheim, Norway, 6-8 May 1993.

Boelie Elzen and Johan Schot, Fumbling with the Car or How to Influence a Highly Entrenched Technology, Paper presented at the annual meeting 4S/EAST, Gothenborg, 12-15 August 1992.

Jacqueline Cramer and Johan Schot, 'Environmental Comakership among Firms as Keystone in Strife for Sustainable Development', Paper presented at the conference Greening of Industry. Research Needs and Policy Implications for a Sustainable Future, Noordwijk aan Zee, The Netherlands, 17-19 November 1991.

Johan Schot, 'Credibility and Markets as Greening Forces for the Chemical Industry, Paper presented at the conference The Greening of Strategy; Sustaining Performance, 11th Annual International Conference of the Strategic Management Society, Toronto 23-26 October 1991.

Johan Schot, 'The Greening of the Chemical Industry. An assessment', Paper presented at the Centre for Environmental Management, Tufts University, 25 October 1990.

Johan Schot, 'A Sociological Perspective on the Evolutionary Model of Technical Change. The Case of Stimulating Clean Technologies', paper presented at the International Conference Firm Strategy and Technical Change: Micro Economics or Micro Sociology, Manchester, 27-28 September 1990.

Jacqueline Cramer en Johan Schot, 'Hinderpalen bij innovatie en diffusie van milieutechnologie', Paper gepresenteerd op de studiedag 'De financiering van het milieubeleid', Ede 18 January 1990.

Jacqueline Cramer, Johan Schot, F. van der Akker en G. Maas Geesteranus, 'The need for a broader technology perspective towards cleaner technology', discussionpaper for the ECE-seminar 'Economic Implications of Low-Waste Technology', The Hague 16-19 October 1989.

Jacqueline Cramer, Johan Schot, F. van der Akker en G. Maas Geesteranus, 'Stimulating cleaner technologies through economic instruments; possibilities and constraints, discussion-paper for the ECE-seminar 'Economic Implications of Low-Waste Technology', The Hague 16-19 October 1989.

Jacqueline Cramer, Johan Schot, F. van der Akker en G. Maas Geesteranus, 'Measures to render economic instruments more efficient and reduce barriers to low- and non-waste technology', Introductory report for the ECE-seminar 'Economic Implications of Low-Waste Technology', The Hague 16-19 October 1989.

Johan Schot, 'Constructive Technology Assessment and Technology Dynamics: Opportunities for the Control of Technology. The Case of Clean Technologies', Paper presented at the annual meeting of the Society for the History of Technology, Sacramento, 12-15 October 1989.

Jacqueline Cramer, Johan Schot 'De ontwikkeling van milieutechnologie vanuit een technologie-dynamica perspectief', Paper ten behoeve van de Open Dag Wetenschapsonderzoek, Amsterdam, 11 October 1989.

Jacqueline Cramer, Johan Schot 'Problemen rond de innovatie en diffusie van milieutechnologie belicht vanuit een technologie-dynamica perspectief', Paper ten behoeve van de workshop 'Ontwikkeling en implementatie van milieutechnologie', Utrecht, 12 September 1989.

Johan Schot, 'Technology in Decline: a search for useful concepts', Paper presented at the joint conference of the Society for Social Studies and the European Association for the Study of Science and Technology, The Study of Science and Technology in the 1990's, Amsterdam, 16-19 November 1988.

J.W. Schot, 'Zelfregelgeving als spel', Paper gepresenteerd op het Congres Drie andere Wegen voor het Milieubeleid, Leiden 4 June 1987.

J.W. Schot, 'Techniek en industrialisatie: mogelijkheden tot een vruchtbare confrontatie tussen geschiedenis en beleid', Paper gepresenteerd op het congres Balans en Perspectief, Over de aard en functie van de kennis van het verleden, Utrecht, 22-24 May 1986

Working Papers, Reports and Professional Publications

Soussana, J. F., Weill, C., Caron P., Chotte, J. L., Joly P. B., Aggarwal, P., Axelos, M; De Boer, I, Caquet, T., Caranta, C., Chemineau, P., Cherbut, C., Denis, D., Fanzo, J., Flammarion, P., Guégan, J. F., Gouel, C., Halley des Fontaines, S., Hamant, O., Hannah, D., Hetherington, M., Huyghe, C., Kao, C., Kremer, A., Langridge, P., Leadley, P., Lee, M., Lindner, M., Loconto, A., Lopes, M. A., Masson-Delmotte, V., Matthews, A., Mille, R., Naiman, R. J., Riboli, E., Schot, J., Sokona, Y., Stirling, A., Tomé, D., Tomei, M. C., Treyer, S., Visser, S., Wery, J., Whitmee, S., INRAE (2021). *International Science Foresight Workshop: Global Challenges and Research Gaps. The Royaumont process*: INRAE (France), 25 p, DOI:[10.15454/m3k7-j656](https://doi.org/10.15454/m3k7-j656).

Lavaux, S., Forero Pineda, C., Hernando Sánchez, E., Arjona, A., Alvarado Salgado, S. A., Dehaene, S., Colbert, V., Orozco Silva, L.E., Velásquez, A.M., Bustamante, Chau, E., Puerta, G., Schot, J., Ramirez, M., Arroyabe Bermúdez, F. Bernal Hernández, F., Marín, M.L., Romero-Goyenche, O., Alvial-Palavicino, C., Kalmanovitz, S., Ocampo J.A., Patarroyo., C.P., Vélez Cuartas, G., Balanzó, A., Saldarriaga Vélez, Ó, Maloney, W., Eslava, M., and Sung Noh, K., (2020) *Equidad, Educación y Desarrollo: Propuestas del Foco de Ciencias Sociales y Desarrollo Humano con Equidad* Misión Internacional de Sabios 2019

DOI: https://minciencias.gov.co/sites/default/files/upload/paginas/vol_5_version_4.pdf

Brodnik, C., Alvial-Palavicino, C., Giachi, S., Ghosh, B., Romero-Goyenche, O., Schot, J., Weber, M., and Mollas-Gallart, M., with Matti, C. and Fisher, S. (2020) *The role of intermediary actors in transformative change* <https://www.climate-kic.org/insights/the-role-of-intermediary-actors-in-transformative-change/>.

Ghosh, B., Kivimaa, P., Ramirez, M., Schot, J., Torrens, J. (2020) Transformative Outcomes : *Assessing and reorienting experimentation with transformative innovation policy* Transformative outcomes, TIPC Working Paper, TIPCWP 2020-02 Online access: <http://www.tipconsortium.net/publication/transformative-outcomes-assessing-and-reorienting-experimentation-with-transformative-innovation-policy/>

Molas-Gallart, J., Boni, A., Schot, J., Giachi, S. (2020) *A formative approach to the evaluation of Transformative Innovation Policy*; TIPC Working Paper, TIPCWP2020-01, Online access: <http://www.tipconsortium.net/publication/a-formative-approach-to-the-evaluation-of-transformative-innovation-policy/>

Schot, J., Ramirez, M., Arroyave, F., Bernal-Hernández, P., Liliana-Marin, M., Romero-Goyeneche, O., Alvial-Palavicino, C., (2020) *Transforming our World: Implementing the Sustainable Development Goals*, Transformative Innovation Policy Consortium Extended Policy Report on The Colombian Misión de Sabios (also translated into Spanish) https://www.johanschot.com/wp-content/uploads/2020/04/Extended-TIPC-Policy-Report_March-2020.pdf

Schot, J., Boni, A., Ramirez, M., Steward, F., *Transformative Innovation Policy Consortium Research Brief 2018-01* http://tipconsortium.net/wp-content/uploads/2018/06/4198_TIPC_research_brief_web-FINAL.pdf

Ramirez, M., Romero, O., Schot, J., Arroyave, F. (2019) *Mobilizing the Transformative Power of the Research System for Achieving the Sustainable Development Goals* Online access: <http://www.tipconsortium.net/publication/spru-working-paper-series-mobilizing-the-transformative-power-of-the-research-system-for-achieving-the-sustainable-development-goals/>

Johan Schot (2011) 'Verborgen integratie', *De Ingenieur* volume 123, issue 18/19, pages 108-111.

Cornelis Disco and Johan Schot, 'Civil Engineering Works', in: Akira Iriye and Pierre-Yves Saunier (eds.), *The Palgrave Dictionary Transnational History. From the Mid-19th Century to the Present Day* (Houndsmill: Palgrave Macmillan 2009), pages 149-151.

Johan Schot, 'De wonderde wereld van de techniek', *Bijdragen en Mededelingen betreffende de Geschiedenis der Nederlanden (BMGN)* (2008), 123 (2), pages 204-209.

Johan Schot and Frank Geels (2007) Comment on 'Techno Therapy or Nurtured Niches?' by Hommels et al., *Research Policy*, 36 (7), pages 1100-1101.

Johan Schot (2007) 'Introduction: Building Europe on Transnational Infrastructures', *The Journal of Transport History*, 28 (2), pages 167-171.

Johan Schot, Frank Geels and Geert Verbong (2006) 'A Multi-Level Analysis of Historical Transitions in Agriculture and Food', Working Papers series 'The Organisation of Innovation and Transition', *Transforum, Agro & Groen*, 2, pages 126-155.

Johan Schot, Adri Albert de la Bruhèze, Harry Lintsen and Arie Rip (2005) 'De betwiste modernisering van Nederland', *Gewina* , pages 28, 7-9.

Johan Schot, Adri Albert de la Bruhèze, Harry Lintsen and Arie Rip (2005) 'De bijdrage van de techniekgeschiedenis aan de geschiedenis van Nederland. Een reactie op Karel Davids en Geert van Paemel', *Gewina* , volume 28, pages 30-34.

Johan Schot, Adri Albert de la Bruhèze, Harry Lintsen and Arie Rip, 'De betwiste modernisering van Nederland. Een introductie op de serie 'Techniek in Nederland in de Twintigste Eeuw (2005), *Bijdragen en Mededelingen betreffende de Geschiedenis der Nederlanden (BMGN)*, 120 (1), pages 48-50.

Johan Schot, Adri Albert de la Bruhèze, Harry Lintsen and Arie Rip (2005) 'De bijdrage van de techniekgeschiedenis aan de geschiedenis van Nederland. Een reactie op Karel Davids, Pim Kooij en Geert van Paemel', *Bijdragen en Mededelingen betreffende de Geschiedenis der Nederlanden (BMGN)*, 120 (1), pages 75-79.

Johan Schot, 'Modernisering en techniek tussen 1890 en 1970. Het project van de maakbare samenleving' (2003) *De Ingenieur*, 115 (20), pages 52-55.

Johan Schot en Dick van Lente (2003) 'Gordiaantje. Maatschappijgeschiedenis van de techniek', in: T. Bogaerts (ed.), *Kleio*, Tijdschrift van de vereniging van docenten in geschiedenis en staatsinrichting in Nederland (VGN) 5, pages 8-13.

Johan Schot, *De maakbaarheid van Nederland*, Inaugural Speech, December 6, 2001, Universiteit Twente.

Johan Schot (ed.), *Perspectives on the History of Technology in the Netherlands. A series of project proposals* (Eindhoven: Stichting Historie der Techniek 2001).

Johan Schot, *De bouwput van techniek en maatschappij. Uitgangspunten van een nieuwe contextualistische techniekgeschiedenis*, Inaugural Speech, November 3, 2000 University of Technology Eindhoven. Revised version published in *Wetenschap, Techniek en Samenleving* (2001), 9 (3) and *De Ingenieur* (2001), 113 (19).

A.A. Albert de la Bruhèze and Johan Schot, 'Maakbaarheid en Techniek. De verborgen rol van consumptie en consumenten in Nederland in de 20e eeuw', in: Y. Segers, R. Loyen, G. DeJongh and E. Buyst (eds.), *Op weg naar een consumptiemaatschappij. Over het verbruik van voeding, kleding en luxegoederen in België en Nederland (19e-20e eeuw)*, Discussion Paper Series DPS 00.12, Centrum voor Economische Studien, Departement Economie, Katholieke Universiteit Leuven, Leuven, 2000.

Matthias Weber, Remco Hoogma, Ben Lane and Johan Schot, *Experimenting with Sustainable Transport Innovations. A workbook for Strategic Niche Management* (Sevilla/Enschede 1999).

Johan Schot, 'Constructive Technology Assessment Comes of Age', in: Andrew Jamison (eds.), *Technology Policy Meets the Public. Pesto Papers* (Aalborg: University Press 1998), 2, pages 207-232.

Christiaan Holland and Johan Schot, 'Technologische ontwikkeling in het fin de siècle van de twintigste eeuw', Chapter in *Sociaal-Cultureel Rapport van 1998*, pages 57-72.

Johan Schot, Wybren Verstegen, Ernst Homburg, Harry Lintsen and Arie Rip, *Towards a General History of Technology in The Netherlands in the 20th Century. A Contextualist History of Technology of The Netherlands in an International Perspective* (Eindhoven: Stichting Historie der Techniek 1998).

Boelie Elzen, Frank Geels, Remco Hoogma, Johan Schot and Robbin te Velde, *Strategieën voor Innovatie-experimenten met elektrische voertuigen als opstap naar marktontwikkeling*, report (N.V. Samenwerkende Elektriciteitsproductiebedrijven 1998).

Tom Misa, Pieter Tijmes and Johan Schot, *Technology and Modern Technics*, Internal Report (Universiteit Twente 1997).

Johan Schot, 'Consumenten als het cement van de lange twintigste eeuw', *De Nieuwste Tijd, Contactblad van de Vereniging voor de Geschiedenis van de Twintigste Eeuw* (1997), 9, pages 27-39

J.M. Andringa and J.W. Schot, 'Public Participation in Environmental Science and Technology: The Dutch National Experience, 1960s-1990s', in: Andrew Jamison & Per Østby (eds.), *Public Participation and Sustainable Development. Comparing European Experiences. Pesto Papers* (Aalborg: University Press 1997), 1, pages 159-186.

Johan Schot, Ellis Brand and Kurt Fischer, *The Greening of Industry for a Sustainable Future. Building an International Research Agenda* (The Hague: RMNO 1997), 123.

Frank Geels, Wim Smit and Johan Schot, *Toekomstbeelden in het verleden. De invloed van de informatiemaatschappij op verkeer en vervoer*. Interim report, (Universiteit Twente 1996).

P.H. Groeneveld, R.P.M. Kemp, C.J. Peek, M.W. van Schijndel, J.W. Schot, M. Schipper and E.R. Soczo, *Achtergronddocument penetratie van milieutechnische maatregelen*, (Bilthoven: RIVM 1996), Report nr. 776101008.

M.W. van Schijndel, P.H. Groeneveld, R.P.M. Kemp, C.J. Peek, J.W. Schot, M. Schipper and E.R. Soczo, *De penetratie van milieutechnische maatregelen*, RIVM (Bilthoven: RIVM 1996), Report nr. 776101007.

P. den Hertog, J.A. Stein, J. Schot and D. Gritzalis, *User Involvement in RTD. Concepts. Practices and Policy Lessons*, report (Luxembourg: DG XIII/D-2, Euroforum 1996) Also published as a Report for TNO (1996), STB/96/011.

Ellis Brand, Francesco Bertolini and Johan Schot (eds.), *Regional Sustainability: From Pilot Projects to an Environmental Culture* (Milano: Bocconi University 1996).

Johan Schot, Adriaan Slob and Remco Hoogma, *De invoering van duurzame technologie; Strategisch Niche Management als beleidsinstrument*, Rapport voor het interdepartementale onderzoeksprogramma Duurzame Technologische Ontwikkeling, Werkdocument 3. (Delft 1996).

Boelie Elzen, Remco Hoogma and Johan Schot, *Strategieën voor innovatie. Experimenten met elektrische voertuigen als opstap naar marktontwikkelingen*. Report for (N.V. Samenwerkende Electriciteitsproductiebedrijven (SEP) 1996) (Confidential).

Boelie Elzen, Remco Hoogma and Johan Schot, *Mobiliteit met Toekomst. Naar een vraaggericht technologiebeleid*. (Ministerie van Verkeer en Waterstaat 1996).

Johan Schot, 'Wat kunnen we leren uit de ontwikkelingsgeschiedenis van telecommunicatie en transport voor de 21e eeuw', *Rapport van Eerste Nationale Ingenieursdag, Nieuwe Technieken: Fantasie in de Werkelijkheid*, (KIVI 1995); 51-56.

Remco Hoogma, Adri Albert de la Bruhèze and Johan Schot. *Towards Cleaner Cars and Transport. German Country Study*. In opdracht van V&W, Universiteit Twente, juni 1995.

Johan Schot, 'Schiphol, kijkdoos van de moderniteit', in: *Dossier Schiphol. Over economie en ecologie in Nederland Distributieland*. Report for Milieudefensie uitgegeven door politiek cultureel centrum 'De Balie' te Amsterdam, mei 1995, 66-80.

Johan Schot and Remco Hoogma, *Towards Cleaner Cars and Transport. Sweden Country Study*. In opdracht van V&W, Universiteit Twente, april 1995.

Johan Schot (1995) 'De file van bijna-innovaties in de transportsector', *Zeno*, 4, pages 34-37.

Rob Bilderbeek, Wim Korver en Johan Schot, *Technische innovaties in het personenverkeer en -vervoer: een inventarisatie op zoek naar duurzame mobiliteit*, report commissioned by Projectbureau Integrale Verkeers- en Vervoersstudies, Apeldoorn, December 1993.

Johan Schot (ed.), *Techniek en Modernisering. Geschiedenis van de techniek in Nederland, 1890-1970*, Stichting Historie der Techniek, March 1993.

Boelie Elzen, Johan Schot en Remco Hoogma, *De toekomst van de elektrische auto in Nederland*, Report commissioned by the Ministry of Economic Affairs, University of Twente, February 1993.

Boelie Elzen and Johan Schot, 'Het pluggen van de elektrische auto', *Zeno* (1993), 1, 8-11.

Rob Weterings, Peter Groenewegen en Johan Schot, *De ontwikkeling van duurzame technologie: een trajectverkenning*, Studiecentrum voor Technologie en Beleid STB-TNO, Apeldoorn 1992.

Jacqueline Cramer, Kurt Fischer, Johan Schot, *The Greening of Industry. Research Needs and Policy Implications*. Summary Report First International Research Conference, Noordwijk aan Zee, The Netherlands, November 1991, Center for Environmental Management, Tufts University 1992.

Johan Schot, *Technology Dynamics: An Inventory of Policy Implications for Constructive Technology Assessment*, Netherlands Organization for Technology Assessment (NOTA) working document nr. 35, June 1991.

Johan Schot en Bas de Laat, *Stimulering van preventie via verplichte bedrijfspreventieplannen. Initiatieven in de Verenigde Staten*. Report of Centrum voor Studies naar Wetenschap en Samenleving, University Twente and STB-TNO, August 1991.

Johan Schot, *Milieubewuste produktontwikkelingen in de industriële praktijk*. Deelonderzoek voor het programmeringsonderzoek produktkwaliteit ten behoeve van preventief milieubeheer. Publicatie RMNO nr. 60, Rijswijk 1991.

Johan Schot, B. de Laat, R. van der Meijden en H. Bosma, *Geven om de Omgeving. Milieugedrag van ondernemingen in de chemische industrie*, NOTA voorstudie 15, The Hague: SDU 1991.

J. Cramer en J. Schot, "Hinderpalen bij Innovatie en Diffusie van Milieutechnologie", in: *De Financiering van het Milieubeleid*. Publikatie RMNO nr. 52, 1990.

J. Cramer en J.W. Schot, *Innovation and Diffusion of Environmental Technology. Opportunities for Research from a Technology Dynamics Perspective* (English Summary), Report for the Advisory Council for Research on Nature and The Environment, Publikatie RMNO 44a, 1990.

Johan Schot, *Technologie-dynamica: een verkenning van de potenties voor Technology Assessment*, NOTA werkdocument nr 11, April 1990.

J. Cramer en J.W. Schot, *Problemen rond Innovatie en Diffusie van Milieutechnologie Belicht vanuit een Technologie-dynamica Perspectief*, in opdracht van de Raad voor het Milieu en Natuur Onderzoek, Studiecentrum voor Technologie en Beleid (STB). Publicatie RMNO, nr. 44, Apeldoorn/Rijswijk, 1989.

Johan Schot, *Technologie-dynamica: een verkenning van de potenties voor technology-assessment*, onderzoek in opdracht van de Nederlandse Organisatie voor Technologisch Aspectenonderzoek, STB-TNO, Apeldoorn, september 1989.

D. de Weger, P.C. Beek, J.W. Schot, B.C.M. Alders, S. van Ravenzwaaij, D.M.K.S. Kaulesar Sukul, H. Lont en M. Brouwers, *Beschrijving van de ontwikkeling en bestrijding van een grootschalig industrieel ongeval en de gevolgen voor de omgeving*, TNO-rapport, Apeldoorn, september 1989.

J.W. Schot, 'Het Sociaal Cultureel Planbureau als wegwijzer voor de toekomst', STB-TNO, Apeldoorn, mei 1988. Gepubliceerd in: *Verkennen in Nederland. Vijf case-studies naar verkennende activiteiten in het Nederlandse wetenschaps- en technologiesysteem*, Ministerie van Onderwijs en Wetenschappen, september 1989, 67-92.

J.W. Schot, *Overzicht van het veiligheidsonderzoek in Nederland*, STB-TNO, Apeldoorn, september 1988.

J. Hagedoorn en J.W. Schot, *Co-operation between Companies and Technological Development*, STB-TNO, Apeldoorn februari 1988.

J.W. Schot e.a., *Technologische ontwikkeling en innovatieve consumenten*. Advies geschreven op verzoek van Directie Strategische Planning van het Ministerie van VROM over de herijking van de uitgangspunten van het milieubeleid, augustus 1988.

J.W. Schot, *Aanzet voor inventarisatie van onderzoek in Nederland van belang voor technologisch aspectenonderzoek*, Staatsuitgeverij, NOTA werkdocumentnr. 3, september 1987.

J.W. Schot en P.J.M. Stallen, *Technologische risico's. Balans en perspectief van het onderzoek*, Staatsuitgeverij, NOTA Voorstudienr. 1, september 1987.

J.W. Schot, *De invloed van milieu- en veiligheidsregelgeving op de technische ontwikkeling. Overzicht van de literatuur en mogelijkheden voor onderzoek*. STB-TNO, Apeldoorn, juli 1987.

J. van Eijndhoven, J.W. Schot en A. Rip, 'Een implementeerbare risicoregulering in het Nederlandse milieu', in: RMNO, *Technologische risico's: onderzoek en beleid. Programmerende notities*, Rijswijk 1986.

Keynotes and Invited Lectures

Invited Speaker: 'Transformative Innovation Policy for enabling a Second Deep Transition', Tapping into an Ideal City of Science, Pujiang Innovation Forum, Technology and Innovation, (online participation) China, 7-8 May 2021

Invited Speaker: 'Understanding Major Urban Transitions. Drivers and Dynamics' Colloquium, Technical University Darmstadt, Germany, 7th May 2021

Invited Commentator: 'Mainstreaming the game: digital participator culture and consumer society in the Netherlands (1980-)' N.W. Posthumus Basic Training, Radboud University, Nijmegen, The Netherlands, 6th May 2021

Invited Speaker: 'Deep Transitions: Transforming our World', Stadium General TU Eindhoven, The Netherlands 24th March 2021.

Invited Panellist, Book discussion session, Bologna Book Club, Italy, 17th March 2021

Invited Panellist and Speaker: 'Deep Transitions to a Sustainable World. Learning from History to Image the Future', UHSK Research Parade: History and the Environment, organised by 95ste bestuur des Utrechtse Historische Studentenkrings (2020-2021), (online) Utrecht University, The Netherlands, 19th February 2021.

Invited Speaker: 'How can policymakers, funders and game-changers think differently about science, technology, and innovation?' SPRU-India DST Joint Workshop on STI Policy for Transformative Change Meeting, (online) University of Sussex, UK, 18th February 2021.

Invited Panellist: The Economic Conference Utrecht 2021 'Green Growth', ECU'92 Conference Committee, (online) Utrecht University, The Netherlands, 17th February 2021.

Invited Panellist, SDG Panel Discussion 'The Transformative Potential of the SDGs: The Case of the Netherlands' (online) Utrecht University, The Netherlands, 19th January 2021.

Invited Speaker, MIP(O) and TIP(C) Seminar, talk on Transformations and Missions (online), Utrecht University, The Netherlands, 15th January 2021.

Guest Lecture 'Transforming our World A Proposition' (online) at PhD Winter School, Netherlands Graduate Research School of Science, Technology and Modern Culture, 14th January 2021.

Invited Speaker 'Maximizing the Transitions Opportunities of Europe's Green Deal', EIC Climate KIC 4th Innovation Eco-System Workshop, Brussels, Belgium, 9th December 2020.

Johan Schot en Beatrice de Graaf: In Gesprek over de moderne geschiedenis en toekomst van europa, TivoliVredenburg, Utrecht, Nederland, 7th December 2020.

Commentator on Transitional Experiments, TIPC Latin America Hub Learning Week, (online) University of Sussex, UK, 20th November 2020.

Invited Keynote Speech 'Narratives of Deep Transitions' Narratives in times of radical transformations Conference (online), TU Berlin, Germany, 20th November 2020.

Facilitator MOTION webinar 'Transition to Green Living, The Barriers and opportunities for sustainable communities' (online), TIPC, Utrecht University/University of Sussex, 18th November 2020.

Keynote Lecture 'Building Europe on Infrastructures. A history of navigating politicization & technification', Making Europe through infrastructures of (in) security) Workshop (online), Institut fur Wissenschafts und Technikforschung Department of Science and Technology Studies, University of Vienna, Austria 13th November 2020.

Invited Talk 'How can policymakers, funders and game-changers think differently about science, technology and innovation'(online), FACCEJPI Governing Board meeting, 12th November 2020.

Keynote Lecture "Navigating Digital Transformation towards a Second Deep Sustainability Transition", China Association for Science and Technology (CAST) Second World Science and Technology Development Forum, organised by TIPC (online), 9th November 2020.

Invited Keynote Speech 'Narratives of Deep Transitions' Narratives in times of radical transformations Conference (online), TU Berlin, Germany, 20th November 2020.

Keynote Lecture 'Assessing and reorienting experimentation with transformative innovation policy', Transformative Innovation Policy: theoretical foundations, methodologies, policy instruments and practise workshop (online), organised by TIPC, University of Sussex, United Kingdom, 23rd October 2020.

Invited Talk 'Introduction to Deep Transitions Thinking & Transformative Innovation Policy', Webinar Politica d'innovacio transformativa: oportunitats i reptes per a Catalunya, Direccio General de Promocio Economica, Competencia, Regulacio, l'Escola d'Administracio Publica de Catalunya (online), 19th October 2020.

Interview on Evaluation and metrics for transitions and transformations, TIPC Transformative Metrics workshop, TIPC/Universidad de Antioquia, Columbia (online), 5th October 2020.

Invited Speaker at Turning Point 2020: Will it be different this time? *Introduction to Deep Transitions Thinking & Transformative Innovation Policy*, Institut fur okologische Wirtschaftsforschung (online), Berlin, Germany, 25th September 2020.

Invited Speaker 'Why do we need Transformation?', Nordic Learning Event, TIPC (online), University of Sussex, United Kingdom, 23rd September 2020.

Invited Speaker Royaumont process: International Science Foresight Workshop: Global Challenge and Research Gaps (online) INRAE, France, 9-11th September 2020.

Invited Speaker 'Assessing and Re-orienting Experimentation with Transformative Innovation Policy' (based on TIPC working paper with B. Ghosh, P. Kivimaa, M. Ramirez and J. Torrens) IST Conference Parallel sessions: UTT Track: FP 278: Transformative Outcomes: Assessing and reorienting experimentation with transformative innovation policy (online), AIT Austrian Institute of Technology, Centre for Innovation Systems & Policy, 19th August 2020.

Speaker 'Introduction to Systems Thinking and Theory of Change Online Training', IST Conference: MOTION Training Event (online), AIT Austrian Institute of Technology, Centre for Innovation Systems & Policy, 18th August 2020.

Invited Speaker 'Introduction to Deep Transition thinking & Transformative Innovation Policy', Conversations with the Authors (online), University of Johannesburg, South Africa, 30 July 2020.

Invited Speaker 'TIPC Webinar on Transformative Outcomes (online)', University of Sussex, United Kingdom, 28th July 2020.

Invited Speaker 'Implementing Transformative Innovation Policy through Formative Evaluation with Transformative Outcomes' Working Group Understanding and Managing Industrial Transitions: Findings of Reviews of Industrial Transition & Launch of Support Coalitions European Commission Joint Research Centre Directorate B – Growth and Innovation (online), 14-15 July 2020.

Invited Speaker at On the Role of STI in Creating Sustainable and Inclusive Socio-Economic and Environmental Development, 'Insights from the Transformative Innovation Policy Consortium' (online), Department of Science and Technology, Republic of South Africa, 7th July 2020.

Invited Speaker 'Addressing the Sustainable Development Goals requires transformations of knowledge production' International Science Foresight Workshop: Global Challenges and Research Gaps: What are the emerging approaches for research and knowledge for transformative change? Which are the gaps? (online), INREA, France, 23rd June 2020.

Organiser and speaker Deep Transitions Phase 1 End Workshop (online), Utrecht University, Netherlands and University of Sussex, United Kingdom, 18-20 May 2020.

Chair Deep Transitions Workshop, University of Sussex, United Kingdom 15-17th January 2020, Invited Speaker SPRU Seminar, 17th January 2020.

Keynote speaker 'Transforming Our World The 4th Industrial Revolution from a Deep Transition Perspective' Innovation Land Summit, National Business Association of Colombia (ANDI), Medellin, Colombia, 20th November 2019.

Opening speech, Panellist: TIPC Conference: Towards a Global Research Agenda for Transformative Innovation Policy, TIPC country partners, and research network representatives, INGENIO, Universitat Politècnica de València, Spain, 4th November 2019.

Panellist 'Innovation in Research Strengthening Consortium and Partnerships: Reframing Research Innovation to address global challenges for societal welfare,' UK-EA Higher Education Forum 2019, British Council, Kuala Lumpur, Malaysia, 31st October 2019.

Keynote speaker 'Social Innovation and Societal Transformation', 5th Global Research Conference, European School of Social Innovation, Dortmund, Germany, 29th October 2019.

Chair 'Transformative Innovation Policy Learning Journey', Pretoria, South Africa, 22-24th October 2019.

Guest lecturer: 'Innovación Transformativa para el mundo en Transición', Universidad de Cartagena, Colombia, 18th September 2019.

Chair and Speaker 'Transformative Innovation Learning Journey', University of Sussex, UK, 20-23rd May 2019.

Chair and Speaker Deep Transitions workshop, Centre for Global Challenges, Utrecht University, The Netherlands, 13-14th May 2019.

Keynote speech 'Transforming Experimentation or how to make experiments more transformative', Finnish Environment Institute, Aalto University, Espoo, Finland, 11th April 2019.

Keynote speech 'Transformative Innovation Policy for a Sustainable Europe', Sustainable Europe 2030 Conference, European Political Strategy Centre, Belgium, 8th April 2019.

Panellist 'Why do we need interdisciplinary research to address societal challenges?', TIK Anniversary Conference 2019, University of Oslo, Norway, 20th March 2019.

Panellist 'Re-visiting Science, Technology and Innovation: Country reviews from a Transformative Change Perspective', Innovation for Transformation Conference, University of Sussex, UK, 4th October 2018.

Presentation 'Transformative Innovation Policy, One Year On', Innovation for Transformation Conference, University of Sussex, UK, 3rd October 2018.

Panellist: 'Seedbeds, harbours and battlegrounds: on the origins of favourable environments for urban experimentation with sustainability' IST Conference, University of Manchester, UK, 14th June 2018.

Panellist 'How do intermediaries advance sustainability transitions? Conceptual insights on intermediary action in different transition phases', IST Conference, University of Manchester, UK, 13th June 2018.

Panellist 'Towards a transformative agenda for the Science, Technology and Innovation community: an inter-network dialogue' IST Conference, University of Manchester, UK, 13th June 2018.

Panellist 'Implementing STI policies for Societal Changes and Missions Eu-SPRI Conference', Paris, France, 7th June 2018.

Panellist 'Long-term dynamics between disruptive innovation and transformative innovation policy: The emergence and consolidation of mobility-as-a-service, Eu-SPRI Conference, Paris, France, 6th June 2018.

Presentation 'Investing in a World in Deep Transition', Baillie Gifford LTGG Forum, London, UK, 24th May 2018.

Keynote speech 'Addressing Sustainable Development Goals: What is the Role for Transformative Innovation?' Government launch of "Green Book 2030 Science and Innovation for Sustainable Development", Bogota, Colombia, 22nd May 2018.

Lecture 'Transformative Innovation Policy', STEPS Summer School, International Development Studies, University of Sussex, UK, 15th May 2018.

Plenary keynote speaker 'Prospects for Transformative Innovation Policies for a World entering a Second Deep Transition' INGENIO PhD Day 2018, Valencia, Spain, 4th May 2018.

Speaker at STI Policy and the SDGs Celebrating the Life and Legacy of Geoff Oldham Event, University of Sussex, UK, 13th April 2018.

Panel discussant 7th Extraordinary General Assembly of the Association of Latin American and Caribbean Universities (UDUAL) Antigua Escuela de Medicina, Universidad Nacional Autónoma de México (UNAM), (by video link), Mexico City, 6th April 2018.

Professorial Lecture 'The world in deep transition: Prospects for transformative innovation policy', University of Sussex, UK, 28th February 2018.

Contributor: Brexit Science and Innovation Summit House of Commons Science and Technology Committee, Institution of Civil Engineers, United Kingdom, 22nd February 2018.

Lecture 'The three frames of Innovation Policy', Workshop on 'Transformative Change and the Three Frames of Innovation Policy', Mexico City, Mexico, 8th January 2018.

Invited Speaker 'Defining Transformation - A Sustainability Perspective', Workshop Independent Expert Group preparing Global Sustainable Development Goals Report 2019, Helsinki, Finland, 12th December 2017.

Presentation 'The new context of STI policy: What do SDGs mean for STI and STIP reviews?' UNCTAD Expert Workshop: Towards a new framework for Science, Technology and Innovation Policy Reviews - Rethinking the role of Science, Technology and Innovation (STI) Policy for SDGs and for inclusive and sustainable growth, Palais des Nations, Geneva, Switzerland, 9th & 10th November 2017.

Keynote 'The World in Deep Transition: Implications for the Plastics Industry', DPI 20th Anniversary, Pullman Eindhoven Cocagne, Eindhoven, The Netherlands, 7th November 2017.

Keynote 'A New Organizing Principle? Transformative Innovation Policy', Launch of 20 years of STI indicator reports in Norway, Oslo, Norway, 19th October 2017.

Panel Chair 'Revisiting Science, Technology and Innovation: Country reviews from a Transformative Change perspective'; Panel Chair 'Policy Experimentation, Prospects for Transformative Innovation Policy Conference', Hotel Fire & Ice, Pretoria, South Africa, 21st September 2017; Plenary 'The Transformative Innovation Policy Consortium: Insights and results from the pilot programme and future plans', Hotel Fire & Ice, Pretoria, South Africa 20th September 2017.

Talk: 'Transformative Innovation Policy and direction of the future EU innovation policy', Meeting with the EU, Library of DG RTD, Brussels, Belgium, 17th July 2017.

Talk: 'Emergence theme: Are users driving sustainability transitions?' Centre of Innovation and Energy Demand (CIED) Summer School, University of Sussex, UK, 11th July 2017.

Lecture 'World in Transition and need for New Transformative Innovation Policies', Long Night of Science, Marchstraße 23, 10587 Berlin, Germany, 24th June 2017.

Paper Session 'Enacting and evaluating transition policy globally', Presentation/Abstract title 'Enacting Transformative Innovation Policy: A Comparative Study' IST 2017 Conference, Gothenburg, Sweden, 21st June 2017.

Dialogue Session 'The role of history in policymaking and transformative change', Presentation/Abstract title 'Historical imagination and transformative change: The role of history in policymaking on innovation and sustainability' IST 2017 Conference, Gothenburg, Sweden, 20th June 2017.

Panel Session The Content, Context and Future of STI-Policy: Towards a new Framing' and 'Enacting Transformative Innovation Policy: A Comparative Study', EU-SPRi Conference, AIT Austrian Institute of Technology, TechGate (Tower), Vienna, Austria, 7th June 2017.

Lecture 'The Future of Innovation Policy: how can innovation policy actually help solve societal challenges?', National Autonomous University of Mexico (UNAM), Mexico City, Mexico, 23rd May 2017.

Keynote speech and roundtable discussant 'The future of innovation policy: How can innovation policy actually help solve societal challenges?' Presentation 'Transformative Innovation Policy Consortium' CONACYT, Mexico City, Mexico, 22nd May 2017.

Presentation contribution to UNCTAD 20th Commission on Science and Technology for Development Session, Palais des Nations, Geneva, Switzerland, 10th May 2017.

Lecture: 'Writing the Rules for Europe. The role of experts in the past and future of European integration', PhD Forum, Science Policy Research Unit, University of Sussex, UK, 9th May 2017.

Presentation: Enacting Transformative Innovation Policy: A Comparative Study, Scientific Workshop on Transforming Innovation Policy, Madrid, Spain, 25th April 2017.

Presentation: 'Transforming the Healthcare System: The Potential of Homeopathic and Anthroposophic Niches', ECHAMP (European Coalition on Homeopathic & Anthroposophic Medicinal Products), Berlin, Germany, 24th April 2017

Awarded an honorary degree from the Universidade NOVA de Lisboa (New University of Lisbon) for his work in the discipline of the History of Science and Technology, Universidade NOVA de Lisboa (New University of Lisbon), 21st March 2017.

Seminar and roundtable 'How Can Innovation Policy Actually Help Solve Global Problems?', The Think Tank DEA, Copenhagen, Denmark, 10th February 2017.

Keynote "World in Transition: New forms of Transformative Innovation Policy", Lerchendam Conference, Trondheim, Norway, 8th February 2017.

Session 'Analysis of contemporary policy process: SDG 9 and Lund Declaration' EU-SPRI Winterschool, SPRU, University of Sussex, UK, 18th January 2017, Session 'Transformative Change/Deep Transition', 16th January 2017.

Keynote 'Responding to a World in Transition: The Past and Future of Transformative Innovation Policy' NORSI Conference, Norwegian Business School, Oslo, Norway, 15th December 2016.

Speaker 'Between History, Sociology and Politics: 50 Years of STIS - Innovation Studies and STS', 2nd National Conference of AsSIST-UK, the UK Association for Studies in Innovation, Science and Technology Edinburgh Centre for Carbon Innovation (ECCI), Edinburgh, Scotland, 29th November 2016.

Panellist: 'Research collaboration to drive innovation: UK and Latin American partnerships' at Wilton Park Conference, Wilton Park, Steyning, Sussex, UK, 16th November 2016.

Panel presentation South Eastern Society of Chartered Accountants, i360, Brighton, Sussex, UK, 20th October 2016.

Presentation at SPRU Wednesday Seminar: Framing Innovation Policy for Transformative Change, SPRU, University of Sussex, Brighton UK, 19th October 2016.

Presentation at NACI Seminar 'Transformative Innovation Policy', Pretoria, South Africa 5th October 2016.

Organiser of parallel session: 'Building blocks for a new innovation theory addressing social change' (Theme: Towards a new innovation theory for grand societal challenges), SPRU's 50th Anniversary Conference, University of Sussex, Brighton, UK, 9th September 2016.

Dialogue Session Chair – The work of IPSP, SPRU's 50th Anniversary Conference, University of Sussex, Brighton, UK, 8th September 2016.

Panellist Rethinking society for the 21st century: developing a science and technology studies perspective, SPRU's 50th Anniversary Conference, University of Sussex, Brighton, UK, 8th September 2016.

Conference opening speaker 'Research and Policy Agenda for a World in Transition', SPRU's 50th Anniversary Conference, University of Sussex, Brighton, UK, 7th September 2016.

Panellist in Dialogue Session 'A Critical Conversation about Science, Technology, Innovation and Social Progress, 4S EASST Conference 2016: Science and Technology by Other Means', Internacional Convention Centre, Barcelona, Spain, 31st August 2016.

Panellist on the Presidential Roundtable session 'Rethinking Society for the 21st Century Society for the History of Technology Conference (SHOT)', Singapore, 24th June 2016.

Signing of Memorandum of Cooperation and Speech 'Three frames of Innovation Policy: Market failures, system failures, social needs and environmental failures', School of School of Public Policy and Management at Tsinghua University, Beijing, China, 21st June 2016.

Parallel session (with Jonas Torrens and Philip Johnstone) 'Between seedbeds and battle grounds: emerging governance arrangements in Bristol's path to a low carbon future', Eu-SPRI Conference 2016, Lund, Sweden, 10th June 2016.

Keynote speech 'The Three Frames of Innovation Policy for Transformative Change Panellist: Innovation Policymaking for Transformative Change SPRU Africa Conference 'The Past and Future of Innovation Policy', Pretoria, South Africa, 27th May 2016.

Presentation 'Overview of SPRU and Strategic Objectives of Africa Engagement, Open Seminar: Innovation for a World in Transition', SPRU Africa Engagement Week, Johannesburg, South Africa, 25th May 2016.

Presentation 'The Historical Imagination: Prospects for Sustainability Transitions, HM Treasury 'Innovation and Productivity Performance' seminar, HM Treasury, Westminster, London, UK, 12th May 2016.

Keynote speech: Knowledge Infrastructure for a World in Transition, Landelijk Congres der Bestuurskunde, Delft, The Netherlands, 25th April 2016.

Colciencias training programme, Colciencias Department of Science, Technology and Innovation, Bogota, Colombia, 18th– 22nd April 2016.

Keynote speech 'Knowledge Infrastructure for a World in Transition', Workshop 'Integrative Environments – their roles in Transitions of Knowledge and Policy', Stockholm, Sweden, 17th March 2016.

Keynote speech: 'Innovation for a world in transition', ESRC-DFID Development Frontiers scoping workshop, London, UK, 7th March 2016.

Presentation 'Historical dimensions of the role of users in sustainability transitions', Research workshop on the Social and Historical Dimensions to Transport, Copenhagen, Denmark, 15th January 2016.

Discussion Chair 'The scientific strategy of SPRU, the evolution of STS and SPRI in Europe', TRIP LISIS Project, Laboratoire Interdisciplinaire Sciences Innovations Sociétés, Paris, France, 3rd December 2015.

Introductory Speaker 'Innovation research in SPRU & new directions of research', Managing Hidden Innovation Conference, TecnoPolis, University of Brighton, UK, 1st December 2015.

Keynote speech 'How to transform innovation policy: emerging global trends', CEPS Task Force meeting, Brussels, Belgium, 22nd October 2015.

Lecture and seminar 'Innovation, Technology and Sustainable Development', Managing Globalisation MSc module, International Development Studies, University of Sussex, UK, 13th October 2015.

Leonardo da Vinci medal acceptance speech 'The Historical Imagination', SHOT Conference, Albuquerque, USA, 9th October 2015.

Keynote lecture 'The future of the politics of innovation', University of Medellin, Colombia, 21st September 2015.

Keynote lecture 'The future of the politics of innovation', Launch of the Policy Unit of Science, Technology and Innovation, Bogota, Colombia, 16th September 2015.

Question Time Panellist 'Sustainable Transport post LSTF', Local Sustainable Transport Fund Stakeholder Conference, University of Sussex, UK, 8th September 2015.

Keynote lecture: 'International Organisations before 1918', European and International Organisations Conference, University of Copenhagen, 3rd September 2015.

Presentation 'The role of users in the acceleration of transitions', Mobilities Intersection Workshop, Lancaster, UK, 6th July 2015.

Contributor to the session 'Inclusive Innovation: Towards Inclusive Innovation', Celebrating Raphael Kaplinsky's Research, The Open University, London, 18th June 2015.

Keynote speech 'The future of innovation: from a competition to a transformative change agenda', The Crisis Conundrum, Milan, Italy, 8th June 2015.

Lecture 'Innovation and transitions', STEPS Summer School, International Development Studies, University of Sussex, UK, 12th May 2015.

Lecture and discussion 'Innovation policy: from a competition to a transformative change agenda', KAIST Research Institution, Daejeon, South Korea, 30th April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', Korea Institute of Science and Technology, Seoul, South Korea, 29th April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', Sungkyunkwan University, Seoul, South Korea, 29th April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', Hanyang University, Seoul, South Korea, 29th April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', China Academy of Sciences Institute of Policy and Management (CASIPM), Haidian District, Beijing, China, 24th April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', School of Public Policy and Management (SSTP), Tsinghua University, Beijing, China, 23rd April 2015.

Presentation 'Transforming innovation policy: what strategy and plans?', Book presentation 'Writing the rules for Europe: Experts, Cartels and International Organisations and Concluding remarks, Transforming Innovation Policy for Europe Workshop, Florence, Italy, 17th February 2015.

Lecture 'Writing the Rules for Europe. The origins and impact of technocratic internationalism', ISCC, The Sorbonne, Paris, France, 12th December 2014.

Meeting Chair, afternoon address 'The future of innovation policy', National Science Summit, Woburn House, London, UK, 3rd December 2014.

Conference Chair and book presentation 'Writing the Rules for Europe', Industrial Research: Past and Future Conference, Museum Boerhaave, Leiden, The Netherlands, 27th – 28th November 2014.

Seminar: Book presentation 'Writing the Rules for Europe', Manchester Business School, University of Manchester, UK, 17th November 2014.

Paper presentations "Inventing Europe: A Digital Science and Technology Museum Inventing Europe," and "Writing the Rules for Europe: Experts, Cartels, and International Organizations," SHOT Conference, Dearborn, Michigan, USA, 6th – 9th November 2014.

Discussant Infrastructure and Transport Hidden Continuities Workshop, Berlin, Germany, 24th October 2014.

Keynote address 'Transforming Innovation Policy', SPRU Event, 'Edges, Horizons and Transformations: The future of innovation policy', RSA, London, UK, 21st October 2014.

Book presentation 'Writing the Rules for Europe', UNU-MERIT, Maastricht, The Netherlands, 8th October 2014.

Lecture 'Developments of technology in everyday life from the beginning up to now', The World Fair of Technology Science, Utrecht, The Netherlands, 3rd October 2014.

Plenary session 'Making Europe through the lens of technology', Nicolaus Copernicus University, Torun, Poland, 18th September 2014.

Keynote lecture 'The second big transition or the struggle for inclusive capitalism', Utrecht University, The Netherlands, 29th August 2014.

Keynote lecture 'Writing the rules for Europe. Experts, cartels and international organizations', Utrecht University, The Netherlands, 26th June 2014.

Keynote lecture 'The great transformation towards sustainable development and what it means for entrepreneurship', Gronen Research Conference, Helsinki, Finland, 17th June 2014.

Keynote lecture 'Bridging STS, history of technology and innovation studies: a personal perspective', ISSTI 2014 Retreat Programme, Edinburgh, UK, 9th June 2014.

Book Series Presentation 'Making Europe Technologies and Transformations 1800 – 2000 – a new approach to understanding Europe's modern history'. Justus Lipsius, Leuven, Belgium, 14th May 2014.

Guest Lecture at the Seminar 'Innovation and transitions', STEPS Summer School, International Development Studies, University of Sussex, UK, 13th May 2014.

Guest Lecture 'The evolution of innovation studies', New Agenda for Innovation Studies and Policy Implications Seminar, Fundación Ramón Areces, Madrid, Spain, 14th March 2014.

Presentation to the Liberal Democrat Party, 'The Future of Europe', The Netherlands, 9th March 2014.

Masterclass 'Inventing Europe Or How to write a transnational History of Europe', Utrecht University, The Netherlands, 19th October 2012.

Masterclass 'Transitiemanagement', DRIFT/Erasmus Academie, Rotterdam, The Netherlands, 11th October 2012.

Keynote on 'Future Directions of the History of Technology; Lessons learned from the Tensions of Europe Network', 5th Tensions of Europe conference, Copenhagen, Denmark, 3rd – 4th October 2012.

Masterclass 'Researching and Writing Transnational History', Erasmus Universiteit, Rotterdam, The Netherlands, 25th September 2012.

Presentation 'Historical Transitions', 3rd International Conference on Sustainability Transitions, Copenhagen, Denmark, 29th-31st August 2012.

Masterclass 'Inventing Europe Or How to write a transnational History of Europe', Utrecht University, The Netherlands, 21st May 2012.

Lecture 'Modernization and socio-technical transitions in the post war period', Technical University of Denmark, Lyngby, Denmark, 2nd March 2012.

Lecture 'Europa is ook van ingenieurs', Foundation for the History of Technology Conference, Eindhoven, The Netherlands, 13th October 2011.

Keynote lecture 'The Inventing Europe Exhibit: Making Connections', Artefacts Meeting, Museum Boerhaave, Leiden, The Netherlands, 25th September 2011.

Masterclass 'Transitiemanagement', DRIFT/Erasmus Academie, Rotterdam, The Netherlands, 15th September 2011.

Lecture 'Infrastructure and the integration of Europe' Summer School 2011 'Values and Infrastructures at Play', Netherlands Graduate Research School of Science, Technology and Modern Culture (WTMC), Ravenstein, 23rd August 2011.

'Electric Vehicles: An Elusive Dream?', International Electric Car Conference, Uitreiking Elektrische Scriptieprijs, Groningen, The Netherlands, 24th November 2010.

'European Governance of Infrastructures: A Historical Perspective', Next Generation Infrastructures, Scientific Advisory Board meeting, Delft, The Netherlands, 24th September 2010.

'130 jaar vervoer in Nederland' Koninklijk Nederlands Vervoer (KNV), Jaarcongres 'Vervoerend Nederland: Geschiedenis en de toekomst', The Hague, The Netherlands, 8th September 2010.

'Transitiemanagement voor elektrisch vervoer', Friesland Elektrisch Vervoer, heidagen 'Drive4Electric', Koudum, The Netherlands, 6th July 2010.

'On transition and globalisation', Slotconferentie, Kennisnetwerk voor Systeeminnovaties en Transitie (KSI), Rotterdam, The Netherlands, 2nd June 2010.

'Transitions to Sustainable Development, New Directions in the Study of Long Term Transformative Change', Debat over transitities naar een duurzame samenleving, Kennisnetwerk voor Systeeminnovaties en Transitities (KSI) i.s.m. met de KNAW, Amsterdam, The Netherlands, 18th May 2010.

'National Transitions and Beyond: A historical and transnational perspective on energy infrastructure transitions', Sussex Energy Group, SPRU – Science and Technology Policy Research, University of Sussex, UK, 26th February 2010.

'A cultural history of technologies: Technology and the making of Europe: 1850 to the present', 4th HERA Annual Conference "European Diversities – European Identities", Maison de la Région, Alsace, Strasbourg, France, 8th October 2008.

'A transnational history of Europe', Platform World Regions and Area Studies, University of Erfurt, Germany, 6th November 2008.

'A transnational history of Europe', Global and European Studies Institute, Leipzig University, Germany, 7th November 2008.

'The role of niches in technological development', workshop on Evolutionary Concepts in the Social Sciences, European University Institute, San Domenico di Fiesole, Italy, 16th June 2007.

'The Hidden Integration of Europe', conference in the framework of Action J. Monnet on the history of European construction, Institut Libre Marie Haps, Brussels, Belgium, 12th May 2007.

'Technology and the making of twentieth century Europe', European Week Eindhoven, Auditorium, Eindhoven, The Netherlands, 27th March 2007.

Referent tijdens Rondetafelconferentie over 'Een nieuwe Wereld' van Auke van der Woud, Utrecht University, Utrecht, The Netherlands, 21st March 2007.

'Inleidend verhaal over transitities in de maatschappij', Lezingencyclus 'De burger? Move it! "Transities, Transwattah?'"', VVM Beurs van Berlage, Amsterdam, The Netherlands, 13th March 2007.

'Transnational infrastructures and European Integration', Workshop "Media Infrastructures/Mediale Infrastrukturen", Institut für Medienforschung der Universität Siegen, Germany, 6th March 2007.

'Transnational Infrastructures and European Integration', University of Florence, Department of Political Science, Italy, 22nd February 2007.

'Transitions and the technocratic temptation', KSI Winterschool Landgoed Huize Bergen Conferentie- en studiecentrum, Vught, The Netherlands, 12th January 2007.

Panellist for session 'Transition management confronts the history of manageability', Landgoed Huize Bergen Conferentie- en studiecentrum, Vught, The Netherlands, 9th January 2007.

Lezing, Innovatiemarkt STW 'Hoera voor de Hype', Beatrixgebouw Jaarbeurs Utrecht, The Netherlands, 17th October 2006.

'Historisch onderzoek KSI', 'Duurzaamheidssesie KSI', Erasmus Universiteit Woudesteijn, Rotterdam, The Netherlands, 9th October 2006.

Lecture, First Tensions of Europe Summer School 'Integrating and fragmenting Europe The role of infrastructures, 1850-2000', Bordeaux University, Bordeaux, France, 19th September 2006.

'Transities: voorbeelden en analyse', Postacademische cursus Transitie management, Erasmus Academie, Rotterdam, The Netherlands, 21st September 2006.

'Een historische analyse', 'Transnationale infrastructures Beheer- en innovatievraagstukken in drie delen, georganiseerd door STT Toekomstverkenning: infrastructurele netwerken in Europe, bij KIVI NIRIA, The Hague, The Netherlands, 15th June 2006.

Invited Lecture 'Infrastructures, European Integration and globalisation', Royal Institute of Technology, Stockholm, Sweden, 13th March 2006

'The role of niches in transitions from the perspective of evolutionary thinking', KSI Winterschool, Hotel & Conferentieoord Abdij Rolduc, Kerkrade, The Netherlands, 10th January 2006.

'Infrastructures, Globalisation, and European Integration. A Historiographical and Conceptual Exploration', STEHPS Colloquium. Research meetings of the research group Science, Technology, Health and Policy Studies, University of Twente, Enschede, The Netherlands, 14th December 2005.

'Tijd voor verandering', 'Eerste Verdieping: 'Theater van Voorheen' – thema: Transities, veranderen met verleden en toekomst', Stadskaats Oudaan, Utrecht, The Netherlands, 28th September 2005.

Lecture 'Een historisch perspectief op klimaatbeheersing', Workshop "Perspectieven klimaatverandering 2010-2050", Mobilion, Utrecht, The Netherlands, 12th September 2005.

Lecture 'Globalisation, technological change and economic development', Posthumus Conferentie, Het Kasteel, Groningen, The Netherlands, 1st September 2005.

Lecture 'Transnational Infrastructures and the Making of Contemporary Europe', 'How technologies change the world' WTMC Summer School 2005, Ravenstein, The Netherlands, 19th August 2005.

Invited Lecture 'Niches in evolutionary theories of technical change', Universitat Pompeu Fabra, Barcelona, Spain, 12th May 2005.

Lecture 'Theorieontwikkeling', Bijeenkomst strategienetwerk (discussie over Transities-systeeminnovaties), The Hague, The Netherlands, 16th December 2004.

Lecture 'Hoe Rotterdam kon uitgroeien tot de eerste haven in de wereld of hoe techniek geschiedenis schreef in Rotterdam', HOVO, Utrecht, The Netherlands, 2th July 2004.

(SWOME) Colloquium Elizabeth Shove, 'Comments on CCC-analyses from the perspective of transition-theory/theories on technological change', Utrecht, The Netherlands, 30th June 2004.

Invited Lecture 'New Directions in the History of Technology', University of Athens, Greece, 6th May 2004.

Lezing mbt TIN-20, Discussiemiddag over het meerdelige werk Techniek in Nederland in de Twintigste eeuw, georganiseerd door het Koninklijk Nederlands Historisch Genootschap (KNHG) in samenwerking met het Instituut voor Geschiedenis en Grondslagen van de Natuurwetenschappen (IGG) en het Genootschap voor de Geschiedenis van de Geneeskunde, Natuurwetenschappen, Wiskunde en Techniek (GeWINa), Utrecht, The Netherlands, 26th March 2004.

Lecture with Ruth Oldenziel, 'The Past and Future of Tensions of Europe: Prelude', First Plenary Conference Tensions of Europe, Budapest, Hungary, 19th March 2004.

Lecture with Ruth Oldenziel, 'Past and Future of Tensions of Europe: Symphony or Song Cycle', First Plenary Conference Tensions of Europe, Budapest, Hungary, 20th March 2004.

Lecture 'Techniekgeschiedenis', Posthumus Seminar I Economische en Sociale Geschiedenis in Overzicht cursusjaar 2004, Rijksuniversiteit Groningen, The Netherlands, 16th March 2004.

Keynote speaker 'Mobility, History of Technology and the Emergence of Europe', T2M First international Conference on the History of Transport, Traffic and Mobility, Technological University Eindhoven, The Netherlands, 7th November 2003.

Spreker tijdens afscheidssymposium Ruud Filarski, 'Geschiedenis van het vervoer: wat kunnen we ervan leren?', 17th October 2003.

Invited lecture 'Transnational Infrastructures and the Rise of Contemporary Europe', PhD Course Cultures of Technology, Centre for technology and society/Department of interdisciplinair studies of culture, Norwegian University of Science and Technology, Norway, 11th September 2003.

Invited lecture 'Historical transitions and strategic niche management', EU Advance Summer Course in Integrated Assessment methodology, ICIS, Maastricht, The Netherlands, 4th September 2003.

Spreker tijdens themastaf Innovatienetwerk Groene Ruimte en Agrocluster, 'Contextualistische techniekgeschiedenis in de landbouw', KIVI, The Hague, The Netherlands, 12th May 2003.

Invited lecture 'Becoming a World Leading Harbour - Regime Transformations in Infrastructures and Transshipment Technology in Rotterdam', USA, STS Lecture, University of Michigan, USA, 7th April 2003.

Guest Speaker for Theorie van Innovatiesystemen course, over het thema: Strategic Niche Management, Utrecht University, The Netherlands, 4th September - 20th October 2002.

Guest Lecture at Rathenau Zomerschool Technologie Assessment, on the theme: Technologie Dynamica en sturingsimplicaties: Constructieve TA evenals over het thema: Nichemanagement, Universiteit Delft, The Netherlands, September 2002.

Plenary Lecture 'Varieties of Contextual History of Technology', 84th Annual Meeting of The German Society for the History of Medicine, Science and Technology: Trends and Perspectives in the History of Medicine, Science and Technology, Universität Hamburg, Hamburg, Germany, 28th September – 1st October 2001.

Lecture 'Mediation Junctions between Design and Use', 3rd International Summer Academy on Technology Studies 'User Involvement in Technological Innovation', Austria, 10th July 2001.

Lecture 'What role for users in innovation?', Erasmus Summer Lectures on Evolving Institutions, Organised by Erasmus Centre for History in Management and Economics and Centre for Business History, Rotterdam, The Netherlands, 26th June 2001.

Lecture 'Hoe creëren we een technologische cultuur die werkt?' gehouden op het minisymposium "De verbeelding van de technologische cultuur ter gelegenheid van het afscheid van José van Eindhoven als directeur van het Rathenau Instituut, The Netherlands, 22nd June 2001.

Lecture on Acceptance and appropriation of 'low-energy-house'-components by users, organised by Inter-University Research Centre for Technology, Work and Culture, Austria, 2nd International Summer Academy on Technology Studies, 10-11th August 2000.

Lecture on the use of evolutionary models in history of technology, organised by Department Environmental Sciences, Technology and Agrarian Development, Wageningen University, The Netherlands, 29th February 2000.

ESST lecture 'Negotiated Emergence of the Consumer Society', Maastricht University, The Netherlands, 15th December 1999.

Inleiding op thema 'Technologie en Duurzaamheid', op International Summer Academy on Technology Studies and Sustainability, Deutschlandsberg, Austria, 11th- 16th July 1999.

'Towards a general history of technology in the Netherlands in the 20th century', introduction at the Seminars in History of Science and Technology, Science Museum, London, United Kingdom, 3rd March 1998.

'An Agenda for Public Participation', introduction to conference Cultural Politics of Sustainable Technology Development: European Experiences, Amsterdam, New Metropolis, The Netherlands, 3rd December 1998.

Multi-media lecture, 'Can Technology Save the Earth? Promises and prophecies in the technological future' (produced with Michiel Schwarz), plenary session presentation at 7th international conference of the Greening of Industry Network, Rome, Italy, 15th- 18th November 1998.

Introduction to Constructive Technology Assessment Cultural Politics of Technology Workshop, Trondheim, Norway, 16th June 1998.

Introduction to 'Strategic Niche Management', Strategic Management for Clean, Innovative Transport Technology and Sustainable Mobility Conference, Sevilla, Spain, 8th-10th June 1998.

Lecture 'normatieve dimensies van constructieve technologie assessment', gehouden op WTMC-workshop 'Techniekonderzoek tussen fatalisme en moralisme', 13th March 1998.

Lecture 'Constructing Transition Paths to a new Transport Regime, the Importance of a Social Shaping Perspective, gehouden op de slotconferentie van het EU-COST A4 programma: Social Shaping of Technology, The Netherlands, 2nd - 3rd October 1997.

Guest lecturer 'The Past and Future of Constructive Technology Assessment' for Doctoral Students on Technology Assessment in Theory and Practice, Aalborg University, Denmark, 26th – 28th May 1997.

Guest Lecture Workshop Onderzoeksschool Wetenschap, Technologie en Moderne Cultuur, over het thema: 'Mobiliteit: Cultuurfilosofische en Beleidsmatige Aspecten', 12-14 May 1997.

Speech 'Grote projecten, ikonen van modern Nederland', voor KiVi-afdeling Filosofie en Techniek, Utrecht, The Netherlands, 5th February 1997.

Plenary lecture at the Fifth International Greening of Industry Network Research Conference, The Past and the Future of Greening of Industry, Heidelberg, Germany, 24th- 27th November 1996.

Inleidende lezing over 'Strategieën voor een vraaggerichttechnologiebeleid' op een colloquium georganiseerd door de Advies Dienst Verkeer en Vervoer met als titel: Naar een vraaggericht technologiebeleid, Rotterdam, The Netherlands, 30th October 1996.

Lecture at Integraal Ketenbeheer en Retourlogistiek Symposium on 'Achtergrond en toekomst van Integraal Ketenbeheer' organiseerd by the Technische Bedrijfskunde en Werktuigbouw Faculty, Universiteit Twente, The Netherlands, 4th April 1996.

Public lecture presented at Amphithéâtre Poincaré in Paris, France 'Facing the Sustainability Challenge. Strategic Choices for Industrial Firms', 25th March 1996.

Participant in Radio Program "Aan de Slag", on the future of the car, van 16.00-16.45 op Radio 5 by RVU, broadcast on 6th February 1996.

Lecture as part of MBA course "Innovation in European Business Corporations and Public Organisation. A New Policy Approach" of the European Inter-University Association on Society, Science and Technology. Title lecture: From Ideas to Product: Towards Sustainable Innovation Processes, Lausanne, Switzerland. Two lectures in same course: one on the Greening of Industry and one on Constructive technology Assessment, 21st July 1995, 14th -15th December 1995.

Lecture for Masters opleiding van de European Inter-University Association on Society, Science and Technology I, on Constructive Technology Assessment, Maastricht, The Netherlands 13th December 1995.

Guest lecturer on PhD Course on Technology Assessment-methods and perspectives 'The Past and Future of Constructive Technology Assessment' at Aalborg University, Denmark, 27th – 30th November 1995.

Lecture via videoconference World Series on Culture and Technology, met als titel 'Sharing Responsibility in a New Innovation Culture. The Implications of the Coming of a Global Telecommunications network', 2nd November 1995. Mijn bijdrage kwam vanuit Amsterdam.

Guest Lecture 'Duurzaam ondernemen', for MBA course, Nyenrode Business University, Breukelen, The Netherlands, 10th October 1995.

Deelname in een gespeelde dialoog over "Managing Technology in Society", in politiek-cultureel centrum De Balie in Amsterdam, The Netherlands, 19th September 1995.

Lecture 'Wat kunnen we leren uit de ontwikkelingsgeschiedenis van telecommunicatie en transport voor de 21e eeuw', op de eerste nationale ingenieursdag organised by the KIVI, The Hague, The Netherlands, 10th June 1995.

Introduction to 'Schiphol als probleem in de moderne tijd' voor discussie in politiek cultureel centrum 'De Balie' 12th April 1995.

Participation in Roundtable discussion "ecologische modernisering" organised by Wiardi Beckman Stichting, in The Hague (Tweede Kamer), The Netherlands, 16th February 1995, Results Published in *Socialisme & Democratie*, 52, 11, 1995, 519-527.

Lecture 'Duurzaam Vervoeren' in de DuurDenk Lezingencyclus "Theorie en Praktijk, een duurzame kloof", Georganiseerd door IDO, Utrecht, 15th February 1995.

Lecture 'De inzet van Constructief Technology Assessment', op de UT in lezingencyclus: "Romantische kritiek op wetenschap en techniek" georganiseerd door het Mumford-Colloquium, 17th January 1995.

Keynote on Environmental Management: Development of a Research Field", at the conference 'Successful Environmental Management', Freie Universität Berlin, Germany 8th – 10th December 1994.

Lecture 'Technologie en Duurzaamheid vanuit een technologie-dynamica perspectief op een wetenschappelijke vergadering van het RIVM', 24th November 1994.

Lecture Sociale constructie van nieuwe technologie: het geval van de elektrische auto, op het tweede colloquium 'sociaal-wetenschappelijk onderzoek mobiliteit en transport', Utrecht, The Netherlands, 25th May 1994.

Lecture 'The Importance of STS Research for Environmental Policy, Gepresenteerd bij de Vakgroep Algemene Vorming, Vrije Universiteit Amsterdam op 7 April 1993 en in de Colloquium Series of Department of Science and Technology Dynamics, University of Amsterdam, The Netherlands, 8th April 1994.

Lecture 'De Macht der Dingen bij oplossing milieuproblemen', in interne workshop bij het RIVM, The Netherlands, 3rd November 1993.

Lecture 'New Forms for the Control of Technology: The Promising Green Case', Universiteit Groningen, The Netherlands, 28th October 1993.

Lecture 'Overleven met Techniek: het historische perspectief', gehouden op het NIRIA-jubileum symposium (65 jaar)', 12th October 1993.

Lecture on 'The Past and the Future of the Automobile', University of Gothenborg, Sweden, 1st September 1993.

Lecture on 'Constructive Technology Assessment: Theory and Practice', University of Lund, Sweden, 31st August 1993.

Lecture on 'The Dutch Style of Madder production', Edelstein Center, Hebrew University, Jerusalem, 27th April 1993.

Lecture on 'Diffusion of innovations: impediments and incentives', doctoral course Environmental Sociology. Sustainable Development and Industrial Transformation Processes, January-June 1992, Erasmus University Rotterdam, The Netherlands, 9th March 1992.

Lecture 'Constructieve Technology Assessment als technocratische droom', Wetenschapsonderzoek en Wetenschapsbeleid Workshop, UT Twente, The Netherlands, 30th January - 1st February 1992.

Radio-interview Regionale Omroep Gelderland, Thema: milieugedrag van de chemische industrie, 7th May 1991.

Lecture on 'The Social Shaping of Technological Development. A case for Constructive technology Assessment', Unit of Technology Assessment, Technical University of Denmark, Lyngby, Denmark, 21st November 1990.

Lecture on 'Care for the Environment. Environmental Management within the Chemical Industry', Centre for Environmental Management, Tufts University, Medford Mass, USA, 25th October 1990.

Guest Lecturer 'Milieubeleid: het voorbeeld van schone technologie', 2e jaars collegewetenschap en samenleving, RU-Groningen, The Netherlands, 19th June 1990.

Lecture 'Innovatie en diffusie van milieutechnologie: de vergeten dimensies in het milieubeleid'. Lezing voor de Vakgroep Wetenschapsfilosofie, RU-Groningen, The Netherlands, 14th February 1990.

Guest of the Week for broadcast 'Vroege Vogels van de VARA' Thema: milieubeleid in de VS en in Nederland, The Netherlands, November 1989.

Lecture on 'Constructive Technology Assessment and Technology Dynamics', Illinois Institute of Technology, Department of Humanities, Chicago, USA, 4th October 1989; Virginia Technical University, Centre for the Study of Science in Society, Blacksburg USA, 26th October 1989 and University of Virginia, School of Engineering and Applied Sciences, Charlottesville, USA, 27th October 1989.

Lecture on 'Technology Assessment and History of Technology', Dutch Summerschool 1989 Science and Technology Studies, Historical Studies of Science and Technology, Enschede The Netherlands 4th- 9th September 1989.

Lecture 'De geschiedenis van de meekrapnijverheid op Schouwen-Duiveland, 1300-heden', Lecture 'Jaarbijeenkoms van de vereniging Stad en Lande van Schouwen-Duiveland' (with Ernst Homburg), Zierikzee, The Netherlands, 25th November 1988.

