

# **Prof Johan Schot Literature List**

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## 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 11<sup>th</sup> 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 11<sup>th</sup> 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 11<sup>th</sup> 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 9<sup>th</sup> 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.

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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.

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## Keynotes and Invited Lectures

Invited Speaker: Pujiang Innovation Forum, 'Tapping into an Ideal City of Science, Technology and Innovation', (online participation) China, 7-8 May 2021

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

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

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

Invited Panellist, Book discussion session, Bologna Book Club, Italy, 17<sup>th</sup> 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, 19<sup>th</sup> 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, 18<sup>th</sup> February 2021.

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

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

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

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

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

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

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

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

Facilitator MOTION webinar 'Transition to Green Living, The Barriers and opportunities for sustainable communities' (online), TIPC, Utrecht University/University of Sussex, 18<sup>th</sup> 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 13<sup>th</sup> November 2020.

Invited Talk 'How can policymakers, funders and game-changers think differently about science, technology and innovation'(online), FACCEJPI Governing Board meeting, 12<sup>th</sup> 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), 9<sup>th</sup> November 2020.

Invited Keynote Speech 'Narratives of Deep Transitions' Narratives in times of radical transformations Conference (online), TU Berlin, Germany, 20<sup>th</sup> 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, 23<sup>rd</sup> 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), 19<sup>th</sup> October 2020.

Interview on Evaluation and metrics for transitions and transformations, TIPC Transformative Metrics workshop, TIPC/Universidad de Antioquia, Columbia (online), 5<sup>th</sup> 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, 25<sup>th</sup> September 2020.

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

Invited Speaker Royaumont process: International Science Foresight Workshop: Global Challenge and Research Gaps (online) INRAE, France, 9-11<sup>th</sup> 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, 19<sup>th</sup> 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, 18<sup>th</sup> 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, 28<sup>th</sup> 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, 7<sup>th</sup> 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, 23<sup>rd</sup> 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 15-17<sup>th</sup> January 2020, Invited Speaker SPRU Seminar, 17<sup>th</sup> 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, 20<sup>th</sup> 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, 4<sup>th</sup> 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, 29<sup>th</sup> October 2019.

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

Guest lecturer: 'Innovación Transformativa para el mundo en Transición', Universidad de Cartagena, Colombia, 18<sup>th</sup> 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, 13-14<sup>th</sup> May 2019.

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

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

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

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

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

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

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

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

Panellist 'Implementing STI policies for Societal Changes and Missions Eu-SPRI Conference', Paris, France, 7<sup>th</sup> 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, 6<sup>th</sup> June 2018.

Presentation 'Investing in a World in Deep Transition', Baillie Gifford LTGG Forum, London, UK, 24<sup>th</sup> 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, 15<sup>th</sup> May 2018.

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

Speaker at STI Policy and the SDGs Celebrating the Life and Legacy of Geoff Oldham Event, University of Sussex, UK, 13<sup>th</sup> 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, 28<sup>th</sup> February 2018.

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

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

Invited Speaker 'Defining Transformation - A Sustainability Perspective', Workshop Independent Expert Group preparing Global Sustainable Development Goals Report 2019, Helsinki, Finland, 12<sup>th</sup> 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, 9<sup>th</sup> & 10<sup>th</sup> November 2017.

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

Keynote 'A New Organizing Principle? Transformative Innovation Policy', Launch of 20 years of STI indicator reports in Norway, Oslo, Norway, 19<sup>th</sup> 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, 21<sup>st</sup> September 2017; Plenary 'The Transformative Innovation Policy Consortium: Insights and results from the pilot programme and future plans', Hotel Fire & Ice, Pretoria, South Africa 20<sup>th</sup> September 2017.

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

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

Lecture 'World in Transition and need for New Transformative Innovation Policies', Long Night of Science, Marchstraße 23, 10587 Berlin, Germany, 24<sup>th</sup> 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, 21<sup>st</sup> 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, 20<sup>th</sup> 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, 7<sup>th</sup> 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, 23<sup>rd</sup> 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, 22<sup>nd</sup> May 2017.

Presentation contribution to UNCTAD 20<sup>th</sup> Commission on Science and Technology for Development Session, Palais des Nations, Geneva, Switzerland, 10<sup>th</sup> 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, 9<sup>th</sup> May 2017.

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

Presentation: 'Transforming the Healthcare System: The Potential of Homeopathic and Anthroposophic Niches', ECHAMP (European Coalition on Homeopathic & Anthroposophic Medicinal Products), Berlin, Germany, 24<sup>th</sup> 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), 21<sup>st</sup> March 2017.

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

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

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

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

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

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

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

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

Presentation at NACI Seminar 'Transformative Innovation Policy', Pretoria, South Africa 5<sup>th</sup> 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 50<sup>th</sup> Anniversary Conference, University of Sussex, Brighton, UK, 9<sup>th</sup> September 2016.

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

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

Conference opening speaker 'Research and Policy Agenda for a World in Transition', SPRU's 50<sup>th</sup> Anniversary Conference, University of Sussex, Brighton, UK, 7<sup>th</sup> 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, 31<sup>st</sup> August 2016.

Panellist on the Presidential Roundtable session 'Rethinking Society for the 21st Century Society for the History of Technology Conference (SHOT)', Singapore, 24<sup>th</sup> 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, 21<sup>st</sup> 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, 10<sup>th</sup> 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, 27<sup>th</sup> 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, 25<sup>th</sup> May 2016.

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

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

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

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

Keynote speech: 'Innovation for a world in transition', ESRC-DFID Development Frontiers scoping workshop, London, UK, 7<sup>th</sup> 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, 15<sup>th</sup> 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, 3<sup>rd</sup> December 2015.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Lecture 'Innovation policy: from a competition to a transformative change agenda', Hanyang University, Seoul, South Korea, 29<sup>th</sup> 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, 24<sup>th</sup> April 2015.

Lecture 'Innovation policy: from a competition to a transformative change agenda', School of Public Policy and Management (SSTP), Tsinghua University, Beijing, China, 23<sup>rd</sup> 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, 17<sup>th</sup> February 2015.

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

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

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

Seminar: Book presentation 'Writing the Rules for Europe', Manchester Business School, University of Manchester, UK, 17<sup>th</sup> 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, 6<sup>th</sup> – 9<sup>th</sup> November 2014.

Discussant Infrastructure and Transport Hidden Continuities Workshop, Berlin, Germany, 24<sup>th</sup> October 2014.

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

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

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

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

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

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

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

Keynote lecture 'Bridging STS, history of technology and innovation studies: a personal perspective', ISSTI 2014 Retreat Programme, Edinburgh, UK, 9<sup>th</sup> 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, 14<sup>th</sup> May 2014.

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

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

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

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

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

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

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

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

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

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

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

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

Masterclass 'Transitiemanagement', DRIFT/Erasmus Academie, Rotterdam, The Netherlands, 15<sup>th</sup> 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, 23<sup>rd</sup> August 2011.

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

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

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

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

'On transition and globalisation', Slotconferentie, Kennisnetwerk voor Systeeminnovaties en Transitie (KSI), Rotterdam, The Netherlands, 2<sup>nd</sup> 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, 18<sup>th</sup> 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, 26<sup>th</sup> February 2010.

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

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

'A transnational history of Europe', Global and European Studies Institute, Leipzig University, Germany, 7<sup>th</sup> 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, 16<sup>th</sup> 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, 12<sup>th</sup> May 2007.

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

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

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

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

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

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

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

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

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

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

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

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

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

'The role of niches in transitions from the perspective of evolutionary thinking', KSI Winterschool, Hotel & Conferentieoord Abdij Rolduc, Kerkrade, The Netherlands, 10<sup>th</sup> 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, 14<sup>th</sup> 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, 12<sup>th</sup> September 2005.

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

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

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

Lecture 'Theorieontwikkeling', Bijeenkomst strategienetwerk (discussie over Transities-systeeminnovaties), The Hague, The Netherlands, 16<sup>th</sup> 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, 2<sup>th</sup> July 2004.

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

Invited Lecture 'New Directions in the History of Technology', University of Athens, Greece, 6<sup>th</sup> 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, 26<sup>th</sup> March 2004.

Lecture with Ruth Oldenziel, 'The Past and Future of Tensions of Europe: Prelude', First Plenary Conference Tensions of Europe, Budapest, Hungary, 19<sup>th</sup> 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, 20<sup>th</sup> March 2004.

Lecture 'Techniekgeschiedenis', Posthumus Seminar I Economische en Sociale Geschiedenis in Overzicht cursusjaar 2004, Rijksuniversiteit Groningen, The Netherlands, 16<sup>th</sup> 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, 7<sup>th</sup> November 2003.

Spreker tijdens afscheidssymposium Ruud Filarski, 'Geschiedenis van het vervoer: wat kunnen we ervan leren?', 17<sup>th</sup> 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, 11<sup>th</sup> September 2003.

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

Spreker tijdens themastaf Innovatienetwerk Groene Ruimte en Agrocluster, 'Contextualistische techniekgeschiedenis in de landbouw', KIVI, The Hague, The Netherlands, 12<sup>th</sup> 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, 7<sup>th</sup> April 2003.

Guest Speaker for Theorie van Innovatiesystemen course, over het thema: Strategic Niche Management, Utrecht University, The Netherlands, 4<sup>th</sup> September - 20<sup>th</sup> 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', 84<sup>th</sup> 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, 28<sup>th</sup> September – 1<sup>st</sup> October 2001.

Lecture 'Mediation Junctions between Design and Use', 3rd International Summer Academy on Technology Studies 'User Involvement in Technological Innovation', Austria, 10<sup>th</sup> 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, 26<sup>th</sup> 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, 22<sup>nd</sup> 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, 2<sup>nd</sup> International Summer Academy on Technology Studies, 10-11<sup>th</sup> 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, 29<sup>th</sup> February 2000.



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

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

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

'An Agenda for Public Participation', introduction to conference Cultural Politics of Sustainable Technology Development: European Experiences, Amsterdam, New Metropolis, The Netherlands, 3<sup>rd</sup> 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 7<sup>th</sup> international conference of the Greening of Industry Network, Rome, Italy, 15<sup>th</sup>- 18<sup>th</sup> November 1998.

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

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

Lecture 'normatieve dimensies van constructieve technologie assessment', gehouden op WTMC-workshop 'Techniekonderzoek tussen fatalisme en moralisme', 13<sup>th</sup> 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, 2<sup>nd</sup> - 3<sup>rd</sup> 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, 26<sup>th</sup> – 28<sup>th</sup> 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, 5<sup>th</sup> 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, 24<sup>th</sup>- 27<sup>th</sup> 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, 30<sup>th</sup> 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, 4<sup>th</sup> April 1996.

Public lecture presented at Amphithéâtre Poincaré in Paris, France 'Facing the Sustainability Challenge. Strategic Choices for Industrial Firms', 25<sup>th</sup> 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 6<sup>th</sup> 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, 21<sup>st</sup> July 1995, 14<sup>th</sup> -15<sup>th</sup> 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 13<sup>th</sup> 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, 27<sup>th</sup> – 30<sup>th</sup> 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', 2<sup>nd</sup> November 1995. Mijn bijdrage kwam vanuit Amsterdam.

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

Deelname in een gespeelde dialoog over "Managing Technology in Society", in politiek-cultureel centrum De Balie in Amsterdam, The Netherlands, 19<sup>th</sup> 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, 10<sup>th</sup> June 1995.

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

Participation in Roundtable discussion "ecologische modernisering" organised by Wiardi Beckman Stichting, in The Hague (Tweede Kamer), The Netherlands, 16<sup>th</sup> 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, 15<sup>th</sup> 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, 17<sup>th</sup> January 1995.

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

Lecture 'Technologie en Duurzaamheid vanuit een technologie-dynamica perspectief op een wetenschappelijke vergadering van het RIVM', 24<sup>th</sup> 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, 25<sup>th</sup> 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, 8<sup>th</sup> April 1994.

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

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

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

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

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

Lecture on 'The Dutch Style of Madder production', Edelstein Center, Hebrew University, Jerusalem, 27<sup>th</sup> 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, 9<sup>th</sup> March 1992.

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

Radio-interview Regionale Omroep Gelderland, Thema: milieugedrag van de chemische industrie, 7<sup>th</sup> 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, 21<sup>st</sup> November 1990.

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

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

Lecture 'Innovatie en diffusie van milieutechnologie: de vergeten dimensies in het milieubeleid'. Lezing voor de Vakgroep Wetenschapsfilosofie, RU-Groningen, The Netherlands, 14<sup>th</sup> 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, 4<sup>th</sup> October 1989; Virginia Technical University, Centre for the Study of Science in Society, Blacksburg USA, 26<sup>th</sup> October 1989 and University of Virginia, School of Engineering and Applied Sciences, Charlottesville, USA, 27<sup>th</sup> 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 4<sup>th</sup>- 9<sup>th</sup> 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, 25<sup>th</sup> November 1988.

