

ANNUAL REPORT 2012

Annual Dutch Conference on Practical Philosophy

On 2 and 3 November 2012 the Philosophy and Ethics group hosted the Fourth Annual Dutch Conference on Practical Philosophy.

Values and Norms in Modeling Conference

On June 25th and 26th the Philosophy and Ethics group hosted the 2012 Values and Norms in Modeling Conference (VaNiM) conference. NWO and Ecis provided co-sponsoring for the event. See for more information: <http://p-e.ieis.tue.nl/node/88>

Workshop on product characteristics approach

Ecis organised a workshop on 9 October 2012 on the product characteristics approach in innovation studies. Presentations were given by Paul Windrum (Nottingham Business School) and Paolo Saviotti, Wybo Houkes, and Koen Frenken (all Ecis).

Chris Freeman award for Rob Raven

The 2012 Chris Freeman Award was made to the special issue "Sustainability Transitions: an emerging field of research and its prospects" (Research Policy, 41, 2012) edited by Rob Raven, jointly with Jochen Markard and Bernhard Truffer.

Keynote lecture by Cees Midden at ICP 2012

Cees Midden gave a keynote speech at the 2012 International Congress of Psychology (ICP) in Cape Town on the topic of Persuasive Technology.

Koen Frenken in plenary debate at ERSA 2012

Koen Frenken participated in the plenary debate on the future of Evolutionary Economic Geography at the 53rd Congress of European Association of Regional Science (ERSA) in Bratislava.

Rudi Bekkers published report on IPR

Rudi Bekkers released his report: "A study of IPR policies and practices of a representative group of standard setting organizations worldwide" as a member of a committee at the National Academies of Science (NAS) in Washington D.C, sponsored by the USPTO.

European project on creative industries

Carolina Castaldi, Koen Frenken, Wybo Houkes and Isabelle Reymen acquired funding from the European Commission for the project Unveiling Creativity for Innovation in Europe (Cre8tive). This consortium, led by Manchester Business School, will study creative industries throughout Europe.

Personal grant for Ruth Oldenziel

Ruth Oldenziel received a personal research grant from the Rachel Carson Centre in Germany. She will visit the centre in 2013.

Inaugural speech Elselijn Kingma

Elselijn Kingma from the Philosophy and Ethics group gave her inaugural speech on 21 September 2012 on the topic of "Health and Health Promotion".

Coming up: Annual Research Day 2013

The Ecis board organizes the annual research day on Thursday 11 April at the TU/e campus. This year's meeting is aimed at fostering new collaborations across the research groups within Ecis.

Coming up: Inaugural speech Wijnand IJsselsteijn

Wijnand IJsselsteijn from the Human-Technology group will give his inaugural speech on May 17 at 16:00 hours at the TU/e Campus.

About Ecis

The *Eindhoven Centre for Innovation Studies* (Ecis) hosts all researchers at the School of Innovation Sciences at Eindhoven University of Technology (TU/e), the Netherlands. The mission of Ecis is to enhance our understanding of the sources, nature and effects of innovation processes. We approach innovation from various disciplinary angles including psychology, economics, sociology, history and philosophy. Our research aims to provide useful insights for an effective governance/management of innovation processes at regional, national and international levels. As of 31 December 2011, Ecis hosts about 60 researchers and 40 PhD students. Visit our website at <http://ecis.ieis.tue.nl>

Main publications 2012

PhD theses

Abdalla, G. (2012, June 18). *Sustainable residential districts : the residents' role in project success*. Prom./coprom.: prof.ir. G.J. Maas & prof.dr. C.J.H. Midden.

Gajadhar, B.J. (2012, March 26). *Understanding player experience in social digital games : the role of social presence*. Prom./coprom.: prof.dr. C.J.H. Midden, dr.ir. Y.A.W. de Kort & prof.dr. W.A. IJsselsteijn.

Hardeman, S. (2012, September 11). *The distributed organization of science : with empirical illustrations from the field of diabetes medicine*. Prom./coprom.: prof.dr. K. Frenken & R.A. Boschma.

Hoekman, J. (2012, October 18). *Science in an age of globalisation : the geography of research collaboration and its effect on scientific publishing*. Prom./coprom.: prof.dr. K. Frenken & R.A. Boschma.

Janac, J. (2012, December 10). *European coasts of Bohemia : negotiating the Danube-Oder-Elbe Canal in a troubled twentieth century*. Prom./coprom.: prof.dr. J.W. Schot, prof.dr.habil L. Klusakova & dr.ir. E.B.A. van der Vleuten.

Janssen, J.H. (2012, March 13). *Connecting people through physiosocial technology*. Prom./coprom.: prof.dr. C.J.H. Midden, prof.dr. W.A. IJsselsteijn & dr. J.H.D.M. Westerink.

Lambooi, M.T.M. (2012, January 18). *Visual comfort of 3-D TV : models and measurements*. Prom./coprom.: prof.dr. I.E.J. Heynderickx, prof.dr. D.G. Bouwhuis & prof.dr. W.A. IJsselsteijn.

Lommers, S.B. (2012, May 23). *Europe - on air : interwar projects for radio broadcasting*. Prom./coprom.: prof.dr. J.W. Schot & dr.ir. E.B.A. van der Vleuten.

May, T. (2012, October 08). *Binaural scene analysis : localization, detection and recognition of speakers in complex acoustic scenes*. Prom./coprom.: dr.ir. S.L.J.D.E. van de Par & prof.dr. A.G. Kohlrausch.

Verhees, B. (2012, February 27). *Cultural legitimacy and innovation journeys : a new perspective applied to Dutch and British nuclear power*. Prom./coprom.: dr.ir. F.W. Geels & prof.dr. J.W. Schot.

Books

Hof, C. van 't, Timmer, J. & Est, Q.C. van (Eds.). (2012). *Voorgeprogrammeerd : hoe het internet ons leven leidt*. Den Haag: Boom Lemma.

Roeser, S., Hillerbrand, R., Sandin, P. & Peterson, M.B. (Eds.). (2012). *Handbook of risk theory : epistemology, decision theory, ethics, and social implications of risk*. Berlin: Springer.

Royakkers, L.M.M., Daemen, F. & Est, Q.C. van (2012). *Overall robots : automatisering van de liefde tot de dood*. Den Haag: Boom Lemma uitgevers.

Stemmerding, D. & Est, Q.C. van (2012). *Geen debat zonder publiek : het internationale debat over synthetische biologie ontleed*. Den Haag: Rathenau Instituut.

Verbond, G.P.J. & Loorbach, D. (Eds.). (2012). *Governing the energy transition : reality, illusion or necessity?* (Routledge Studies in Sustainability Transitions, 4). New York: Routledge.

Journal articles

Abarca Guerrero, L., Maas, G.J. & Lambert, A.J.D. (2012). Construction waste generation due to design phase. *Gerontechnology*, 11(2), 137-138.

Abeele, V. vanden, Zaman, B., Obrist, M. & IJsselsteijn, W.A. (2012). Guest editorial : Special issue on Fun and Games. *International Journal of Arts and Technology*, 6(1), 1-4.

Alonso Arevalo, M.A., Shelley, S.B., Hermes, D.J., Hollowood, J., Pettitt, M., Sharples, S. & Kohlrausch, A.G. (2012). Curve shape and curvature perception through interactive sonification. *ACM Transactions on Applied Perception*, 9(4), 17-1/19.

Arora, S. (2012). Farmers' participation in knowledge circulation and the promotion of agroecological methods in South India. *Journal of Sustainable Agriculture*, 36(2), 207-235.

Arora, S. & Romijn, H.A. (2012). The empty rhetoric of poverty reduction at the base of the pyramid. *Organization*, 19(4), 481-505.

Bekkers, R.N.A., Iversen, E. & Blind, K. (2012). Emerging ways to address the reemerging conflict between patenting and technological standardization. *Industrial and Corporate Change*, 21(4), 901-931.

Bekkers, R.N.A. & Martinelli, A. (2012). Knowledge positions in high-tech markets : trajectories, standards, strategies and true innovators. *Technological Forecasting and Social Change*, 79(7), 1192-1216.

Beurden, M.H.P.H. van, IJsselsteijn, W.A. & Juola, J.F. (2012). Effectiveness of stereoscopic displays in medicine : a review. *3D Research*, 3(1), 1-13.

Bhupatiraju, S., Nomaler, Z.O., Triulzi, G. & Verspagen, B. (2012). Knowledge flows : analyzing the core literature of innovation, entrepreneurship and science and technology studies. *Research Policy*, 41(7), 1205-1218.

Blokhuis, E.G.J., Snijders, C.C.P., Han, Q. & Schaefer, W.F. (2012). Conflicts and cooperation in Brownfield redevelopment projects : application of conjoint analysis and game theory to model strategic decision making. *Journal of Urban Planning and Development*, 138(3), 195-205.

Brudener, M.J., McKinney, M.F. & Kohlrausch, A.G. (2012). Perceptual evaluation of musicological cues for automatic song segmentation. *Psychomusicology: Music, Mind & Brain*, 22(1), 3-17.

Burken, C.G. van & Vries, M.J. de (2012). Extending the theory of normative practices : an application to two cases of networked military operations. *Philosophia Reformata*, 77(2), 135-154.

Clark, A., Pritchard, D. & Vaesen, K. (2012). Introduction : extended cognition and epistemology. *Philosophical Explorations*, 15(2), 87-90.

Espinoza, N. & Peterson, M.B. (2012). Risk and mid-level moral principles. *Bioethics*, 26(1), 8-14.

Est, Q.C. van, Walhout, B., Rerimassie, V., Stemmerding, D. & Hanssen, L. (2012). Governance of nanotechnology in the Netherlands : informing and engaging in different social spheres.

International Journal of Emerging Technologies and Society (iJETS), 10, 6-26.

Farla, J., Markard, J., Raven, R.P.J.M. & Coenen, L. (2012). Sustainability transitions in the making : a closer look at actors, strategies and resources. *Technological Forecasting and Social Change*, 79(6), 991-998.

Frenken, K., Izquierdo, L.R. & Zeppini, P. (2012). Branching innovation, recombinant innovation, and endogenous technological transitions. *Environmental Innovation and Societal Transitions*, 4, 25-35.

Frenken, K. & Mendritzki, S.E. (2012). Optimal modularity : a demonstration of the evolutionary advantage of modular architectures. *Journal of Evolutionary Economics*, 22(5), 935-956.

Fröding, B. & Peterson, M.B. (2012). Virtuous choice and parity. *Ethical Theory and Moral Practice*, 15(1), 71-82.

Fröding, B. & Peterson, M.B. (2012). Why virtual friendship is no genuine friendship. *Ethics and Information Technology*, 14(3), 201-207.

Ganzevles, J. & Est, Q.C. van (2012). Busting the energy myths : a study on the energy debate in the Netherlands. *Technikfolgenabschätzung : Theorie und Praxis*, 21(2), 74-79.

Goff, N. Le, Kohlrausch, A.G. & Dau, T. (2012). Effects of diotic fringes on interaural disparity detection (L). *Journal of the Acoustical Society of America*, 132(5), 2959-2962.

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Haans, A. & IJsselsteijn, W.A. (2012). Embodiment and telepresence : toward a comprehensive theoretical framework. *Interacting With Computers*, 24(4), 211-218.

Haans, A., Kaiser, F.G., Bouwhuis, D.G. & IJsselsteijn, W.A. (2012). Individual differences in the rubber-hand illusion : predicting self-reports of people's personal experiences. *Acta Psychologica*, 141(2), 169-177.

Haans, A. & Kort, Y.A.W. de (2012). Light distribution in dynamic street lighting : two experimental studies on its effects on perceived safety, prospect, concealment, and escape. *Journal of Environmental Psychology*, 32(4), 342-352.

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Houkes, W.N. (2012). Population thinking and natural selection in dual-inheritance theory. *Biology & Philosophy*, 27(3), 401-417.

Houkes, W.N. & Vaesen, K. (2012). Robust! : handle with care. *Philosophy of Science*, 79(3), 345-364.

Ivanovic, A., America, P.H.M. & Snijders, C.C.P. (2012). Modeling customer-centric value of system architecture

investments. *Software and Systems Modeling*, 11(special issue), 1-17.

Jolly, S., Raven, R.P.J.M. & Romijn, H.A. (2012). Upscaling of business model experiments in off-grid PV solar energy in India. *Sustainability Science*, 7(2), 199-212.

Katzav, J.K., Dijkstra, H. & Laats, A.T.J. (2012). Assessing climate model projections: state of the art and philosophical reflections. *Studies in History and Philosophy of Modern Physics*, 43(4), 258-276.

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Kingma, E.M. (2012). A note on being healthy - reply : on Elseijn Kingma's What it is to be healthy? *Diametros*, 31, 136-137.

Kingma, E.M. & McCabe, M.M. (2012). Interdisciplinary workshop report : methodology and 'personhood and identity in medicine'. *Journal of Evaluation in Clinical Practice*, 18(5), 1057-1063.

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