

Curriculum Vitae

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Tom Dedeurwaerdere is professor at the Faculty of Philosophy of the *Université catholique de Louvain* (Louvain-la-Neuve, Belgium) and Director of Research of the Biodiversity Governance Unit at the Centre for the Philosophy of Law.

His research interests include transition theory, governance of biodiversity and ecosystem services and transdisciplinary research methodology. His main research focus is on the institutional analysis of the governance of the global environmental commons and the global knowledge commons.

PERSONALIA

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PUBLICATIONS

BOOKS

- Reichman J., Dedeurwaerdere T. and Uhlir P. 2016. *Governing Digitally Integrated Genetic Resources, Data, and Literature. Global Intellectual Property Strategies for a Redesigned Microbial Research Commons*. Cambridge University Press, 678 p.
- Coolsaet, B., Batur, F., Broggiato, A., Pitseys, J. and Dedeurwaerdere, T. (eds) 2015. *Implementing the Nagoya Protocol. Comparing Access and Benefit-Sharing Regimes in Europe*. Leiden/Boston: Brill-Nijhof: Legal Studies on Access and Benefit-sharing - Vol.3, 410 p.
- Dedeurwaerdere, T. 2014. *Sustainability Science for Strong Sustainability*. Edward Elgar, 167 p.
- Nunes, P., Kumar, P., and Dedeurwaerdere, T. 2014. *Handbook on the economics of ecosystem services and biodiversity*. Edward Elgard, 577 p.
- Brousseau, E., Dedeurwaerdere, T., Jouvet, P.-A., and Willinger, M. (eds). 2012. *Global Environmental Commons: Analytical and Political Challenges in Building Governance Mechanisms*. Oxford: Oxford University Press, 464 p.
- Brousseau, E., T. Dedeurwaerdere, and B. Siebenhüner (eds.) 2012. *Reflexive Governance for Global Public Goods*, Cambridge (MA): MIT Press, 376 p.
- Dedeurwaerdere, T. 2002. *Action et Contexte. Du tournant cognitiviste à la phénoménologie transcendante*, Hildesheim/Zürich/New-York: Olms, 237 p.

ARTICLES IN PEER REVIEWED JOURNALS

- Dedeurwaerdere, T. 2017. From ecological psychology to four varieties of post-positivism in transdisciplinary science. *Environmental Systems and Decisions*. Published on line November 2017.
- Dedeurwaerdere, T., Melindi-Ghidi, P., and Sas, W. 2017. "Networked innovation and coalition formation: the effect of group-based social preferences". *Economics of Innovation and New Technology*, Routledge, pp.1–17, DOI: 10.1080/10438599.2017.1378163
- Dedeurwaerdere, T. and Six, B. 2017. "Toward a Broadened Ethical Pluralism in Environmental Ethics: From Bryan Norton's Discursive Ethics to William James' experiential Pluralism". *Environmental Ethics* Winter 2016 38.4 issue: 387-402.
- Dedeurwaerdere, T., et al (2017). The governance features of social enterprise and social network activities of collective food buying groups. *Ecological Economics* 140: 123–135.
- Dedeurwaerdere et al. 2016. "Combining internal and external motivations in multi-actor governance arrangements for biodiversity and ecosystem services". *Environmental Science & Policy*, 58: 1–10.
- Dedeurwaerdere, T., Melindi-Ghidi, P. and Broggiato, A. 2016. "Global scientific research commons under the Nagoya Protocol: Towards a collaborative economy model for the sharing of basic research assets". *Environmental Science & Policy*, 55: 1–10. (Open Access)
- Dedeurwaerdere, T., Polard, A., Melindi-Ghidi, P. 2016. "The role of network bridging organisations in compensation payments for agri-environmental services under the EU Common Agricultural Policy". *Ecological Economics*, 119: 24–38 (Open Access)

- Popa, F., Guillermin, M., Dedeurwaerdere, T. 2015. "A pragmatist approach to transdisciplinarity in sustainability research: From complex systems theory to reflexive science." *Futures* 2015 (65):45–56 (Open Access).
- Kyrpides NC, Hugenholtz P, Eisen JA, Woyke T, Göker M, et al. 2014. "Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains." *PLoS Biol* 12(8).
- Batur, F., and Dedeurwaerdere, T., 2014. "The Use of Agrobiodiversity for Plant Improvement and Intellectual Property Paradigm Breakdowns: Institutional fit and legal tools for mass selection, conventional and molecular plant breeding", *Life Sciences, Society and Policy*, 10:14. DOI: 10.1186/s40504-014-0014-7.
- Coolsaet, B., Dedeurwaerdere, T., and Pitseys, J. 2013, "The Challenges for Implementing the Nagoya Protocol in a Multi-Level Governance Context: Lessons from the Belgian Case", *Resources* 2013(2): 555-580.
- Dedeurwaerdere, T., 2013, "Transdisciplinary sustainability science at higher education institutions: science policy tools for incremental institutional change", *MDPI/Sustainability* 2013(5): 3783-3801.
- Stromberg P. M., Dedeurwaerdere T., Pascual U. 2013. "The heterogeneity of public ex situ collections of microorganisms: Empirical evidence about conservation practices, industry spillovers and public goods", *Environmental Science & Policy*, Volume 33, November 2013, Pages 19-27, ISSN 1462-9011, 10.1016/j.envsci.2013.04.003
- Dedeurwaerdere, T., 2012, "Design principles of successful genetic resource commons for food and agriculture", *International Journal of Ecological Economics and Statistics*, 26 (3), 31-46.
- Weiland, S., and Dedeurwaerdere, T., 2010, "Change in forest governance in developing countries – in search of sustainable governance arrangements", *International Journal of the Commons* 4(2): 683-686.
- Dedeurwaerdere, T., 2010, "Global microbial commons: institutional challenges for the global exchange and distribution of microorganisms in the life sciences", *Research in Microbiology*. 161(6): 414-421.
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- Dedeurwaerdere, T., 2010, "Self-governance and international regulation of the global microbial commons." Introduction to the special issue on the microbial commons, *International Journal of the Commons*. Vol. 4, n 1, pp. 390-403.
- Dijkshoorn, L., De Vos, P., and Dedeurwaerdere, T., 2010, "Understanding patterns of use and scientific opportunities in the emerging global microbial commons", *Research in Microbiology* 161(6): 407-413.
- Dedeurwaerdere, T., 2009, "Social Learning as a Basis for Cooperative Small-Scale Forest Management", *Small-scale Forestry* 8:193-209.
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commons. Contributions of bioinformatics and intellectual property rights in sharing biological information". Special issue on the microbiological commons, *International Social Science Journal*, 2006, vol. 188, 249-258. (also published in French and Chinese.)

Heide-Mairie D., Himmelreich, U., and Dedeurwaerdere, T., 2006, "Integrating different windows on reality: socio-economic and institutional challenges for culture collections", *International Social Science Journal*, 2006, vol. 188, pp. 368-380

Dedeurwaerdere, T., 2006, "The Institutional Economics of Sharing Biological Information", *International Social Science Journal*, 2006, vol. 188, 351-368. (also published in French and Chinese).

Cook-Deegan, R., and Dedeurwaerdere, T., 2006, "The Science Commons in Life Science Research: Structure, Function, and Value of Access to Genetic Diversity", *International Social Science Journal*, 2006, vol. 188, 299-318. (also published in French and Chinese.)

Siebenhüner, B., Dedeurwaerdere, T., and Brousseau, E. 2005, "Introduction and overview to the special issue on biodiversity conservation, access and benefit-sharing and traditional knowledge", *Ecological Economics*, vol 53(4), pp. 439-444.

Dedeurwaerdere, T., 2005, "From bioprospecting to reflexive governance", *Ecological Economics*, vol. 53(4), June 2005, pp.473-491.

Dedeurwaerdere, T., 2000, "Le renversement cognitiviste et les théories de la conscience" in *Revue Philosophique de Louvain*, 4, 2000, pp. 732-760.

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Dedeurwaerdere, T., Casas-Vázquez, J., Jou, D., and Lebon, G., 1996, "Foundations and applications of a mesoscopic thermodynamic theory of fast phenomena", *Physical Review E*, vol. 53, January 1996, pp. 498-506.

**CHAPTERS IN
COLLECTIVE
VOLUMES**

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International Law and Implementation Challenges. Brill/Martinus Nijhoff, pp.389-421.

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Dedeurwaerdere, T., 2012, "Social Learning in the Governance of Forest Ecosystem Services". In Brousseau, E., T. Dedeurwaerdere, and B. Siebenhüner, ed. *Reflexive Governance and Global Public Goods*. Cambridge (MA): MIT Press, 205-223.

Dedeurwaerdere T., Stromberg, P. M. and Pascual, U. 2012, "Social Motivations and Incentives in Ex Situ Conservation of Microbial Genetic Resources", in Dulong de Rosnay, M. and De Martin, J-C.(eds). *The Digital Public Domain: Foundations for an Open Culture*. Cambridge (UK): OpenBook Publishers, 111-124.

Dedeurwaerdere, T., 2011, "Microbial Commons: Overview of the Governance Considerations - A Framework for Discussion", in Uhlir, P. (ed), *Designing the Microbial Research Commons: Proceedings of an International Workshop*. National Research Council of the National Academies, Washington D.C.: The National Academies Press, 169-175.

Dedeurwaerdere, T., 2010, "The contribution of network governance to overcoming frame conflicts: enabling social learning and building reflexive abilities in biodiversity governance." In O. De Schutter and J. Lenoble (eds). *Reflexive Governance: Redefining the public interest in a pluralistic world*, Oxford: Hart Publishing Ltd., pp. 179-200.

Dedeurwaerdere, T., 2009, "The role of law, institutions and governance processes in facilitating access to genomics research", in *Gene Patents and Clearing Models. From Concepts to Cases*, ed. G. Van Overwalle, Cambridge (UK): Cambridge University Press: 365-380.

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Dedeurwaerdere, T., Krishna, V., and Pascual, U., 2007, "An evolutionary institutional

- approach to the economics of bioprospecting", in A. Kontoleon and U. Pascual (eds), *Biodiversity Economics. Principles, Methods and Applications*. Cambridge University Press, Cambridge, 2007, pp. 417-445.
- Dedeurwaerdere, T., 2007, "The contribution of network governance to sustainability impact assessment", in Toyer, S. and Martimort-Asso, B. (eds), *Participation for sustainability in Trade*. Ashgate, Hampshire, 2007, pp. 209-228.
- Dedeurwaerdere, T., 2007, "The Institutional Dynamics of Sharing Biological Information: Towards Reflexive Governance of the Information Society", in Goujon, P., Lavelle, S., Duquenoy, P., Kimppa, K., Laurent, V. (eds), *The Information Society : Innovation, Legitimacy, Ethics and Democracy*, Springer, 2007, pp. 121-146 .
- Dedeurwaerdere, T., 2007, "Théories de la gouvernance et société de l'information", in Ph. Goujon, S. Lavelle, B. Six and V. Dumont, *Technique, Communication et Société*, Presses Universitaires de Namur, 2007, XIII-XX.
- Dedeurwaerdere, T., 2006, "Databases, Biological Information and Collective Action", in Berleur, J., I. Nurminen M. and Impagliazzo, J., *Social Informatics Society for All? In Remembrance of Rob Kling*, Springer, 2006, pp. 159-169.
- Dedeurwaerdere, T., 2004, "Bioprospection, intellectual property law and evolutionary economics: the stake of a theory of reflexive governance", in M. Watanabe et alii (eds.), *Innovative Roles of Biological Resources Centers*, World Federation For Culture Collections, Tsukuba, pp. 389-395.
- Dedeurwaerdere, T., 2003, "Structure d'éveil et pouvoir d'interférence pratique dans la phénoménologie génétique", in Godddart, J.Ch. and Maesschalck, M., *Fichte, La philosophie de la maturité*, Paris: Vrin, pp. 253-270.
- Maesschalck , M., and Dedeurwaerdere, T., 2003, "Ist eine Kultur des Lebens möglich?" in S. Nowotny et M. Staudigl (eds.), *Grenzen des Kulturkonzepts. Meta-Genealogien*, Verlag Turia/Kant, 2003, pp. 187-207.
- Dedeurwaerdere, T., and Maesschalck, M., 2002, "Autorégulation, éthique procédurale et gouvernance de la société de l'information", in Berleur, J., Lazaro C. and Queck, R. (dir.) *Gouvernance de la société de l'information*, Bruylant / Presses Universitaires de Namur, Les Cahiers du CRID n°22, pp. 77-108.
- Dedeurwaerdere, T., 2002, "Ethics and learning. From State Regulation towards Reflexive Self-Regulation of the Information Society", in K. Brunnstein et J. Berleur (eds.), *Human Choice and Computers*, Kluwer Academic Publishers, 2002, pp. 121-130.
- Maesschalck , M., and Dedeurwaerdere, T., 2002, "Procéduralisation des normes, téléorégulation et gouvernance de l'Internet", in *Les Cahiers du Numérique*, Vol.3(2), 2002, pp. 55-77.
- Dedeurwaerdere, T., 1997, "Neural Networks and the Brain : Associative Learning and/or Self-organisation ?", in D. Dubois (éd.), *Proceedings of the first international conference on Computing Anticipatory Systems*, Vol.1, Liège, Chaos, Casus 97 , Symposium V, pp.32-34 (pp. 170-179 of the volume)
- WORKING PAPERS**
- Dedeurwaerdere, T. 2008, "Building resilience through dynamic institutional efficiency. The case of forest biodiversity", Paper submitted for the 2008 IASCP conference.

Dedeurwaerdere, T. 2005. "The Contribution of Network Governance to Sustainable Development", *Working paper series "Les séminaires de l'IDDRI"*, n°13, 15 p., 2004, available on line at www.iddri.org

Dedeurwaerdere, T. 2004. "Biodiversity and intellectual property law: the stake of a theory of reflexive governance", working paper for the international workshop "Governance of Biodiversity", February 2004.

Dedeurwaerdere, T. 2003. "Bioprospection: From the Economics of Contracts to Reflexive Governance"; in *Fondazione Eni Enrico Mattei*, Working paper n° 56.04, Series: NRM -Natural Resources Management. <http://www.feem.it/NR/rdonlyres/DBAEFB74-8604-48B3-89BC-FBE5A38817FC/1121/5604.pdf>

Dedeurwaerdere, T. 2003. "Bioprospection, gouvernance de la biodiversité et mondialisation", in *Les Carnets du Centre de Philosophie du Droit*, n° 104, cf. www.cpedr.ucl.ac.be/docs/docTravail/dedeurwaerdere104.pdf.

Dedeurwaerdere, T. 2002. "Ethics, Social Reflexivity and Governance of the Information Society", in *Les Carnets du Centre de Philosophie du Droit*, n° 94, cf. www.cpedr.ucl.ac.be/docs/docTravail/dedeurwaerdere94.pdf.

Dedeurwaerdere, T. 2002. "Biological diversity protection and self-regulation of local communities. Some implications of a reflexive institutionalist approach", in *Digital Library of the Commons*, cf. <http://dlc.dlib.indiana.edu/>.

Maeschalck, M., and Dedeurwaerdere, T. 2001. "Autorégulation, éthique procédurale et gouvernance de la société de l'information", in *Les Carnets du Centre de Philosophie du Droit*, n° 91, cf. www.cpedr.ucl.ac.be/docs/docTravail/dedeurwaerdere91.pdf.

Dedeurwaerdere, T. 2000. "La dimension éthique dans la sphère de la rationalité technologique : normes, contextes et arrière-plans", in *Les Carnets du Centre de Philosophie du Droit*, n° 82, cf. www.cpedr.ucl.ac.be/docs/docTravail/dedeurwaerdere82.pdf

COMMISSIONED REPORTS

Dedeurwaerdere, T. 2017. Towards a political biodiversity governance indicator for biomass-based economic activities in Belgium. For the Federal Public Service on Health, Food Security and the Environment.

Dedeurwaerdere, T., 2013, "Sustainability Science for Strong Sustainability". Report on the Organisation of Scientific Research, with the support of the Minister for Sustainable Development and Public Administration of the Walloon Government of Belgium (11th of January 2013) (in French and English version).

Schloen M., Louafi, S., Dedeurwaerdere, T., 2011, Access and Benefit-Sharing for Genetic Resources for Food and Agriculture – Current Use and Exchange Practices, Commonalities, Differences and User Community Needs. *CGRFA* n° 59, July 2011.

Dedeurwaerdere, T., Iglesias, M., Weiland, S., and Halewood, M., 2009, "The use and exchange of microbial genetic resources for food and agriculture". Background Study Paper of the Commission on Genetic Resources for Food and Agriculture n°46, 67pp.

Christine Frison, Tom Dedeurwaerdere. 2006. "Public infrastructure and regulations on access to genetic resources and the sharing of benefits arising out of their utilisation for innovation in life sciences research. Access to, conservation of and use of biological

**PRESS &
NEWSLETTERS**

diversity in the general interest." Belgian federal survey, July 2006, 92 p. (in French and English version).

Dedeurwaerdere, T. 2006. "Cows grazing on Ever Green Knowledge Meadows?" in *The Common property Resource Digest*, n°77, June 2006, pp.6-7.

Dedeurwaerdere, T. 2005. "Monitoring Global Environmental Change", in *IDGEC news*, November 2005, pp5-6.

Dedeurwaerdere, T. 2005. "Understanding ownership in the knowledge economy: the concept of the bundle of rights", in *BCCM Newsletter*, August 2005.

Dedeurwaerdere, T. 2005. "Une approche dynamique", in *Courrier de la Planète. Vol. 75 : Biodiversité, Conserver pour qui ?*, 2005, pp 10-12.

Dedeurwaerdere, T., Capart, H. and Yépez, I. 1994. "Cours méta et cours métis", in *La revue nouvelle*, n°10, pp 41-48.

Dedeurwaerdere, T. 2002. "Biodiversity and Reflexive Governance", in *IDGEC news*, August 2002, pp 4-5.

**BOOK REVIEWS &
CRITICAL STUDIES**

Dedeurwaerdere, T. 2001. Critical study : "Approches écologiques de la cognition et réflexivité. A propos de l'ouvrage Philosophie de l'esprit. Etat des lieux", in *Recherches Husserliennes*, 15, 2001, pp. 111-122.

Dedeurwaerdere, T., 2000. Book review on "Intentionnalité et langage" from G. F. Duportail (ed.), in *Recherches Husserliennes*, 13, pp. 129-141.

Dedeurwaerdere, T., 1996. Book review on "Das Gehirn – Organ der Seele ? Zur Ideengeschichte der Neurobiologie", E. Florey and O. Breidbach (éds.), in *History and Philosophy of the Life Sciences*, 18(3), pp. 97-98.

EDUCATION

PhD in philosophy	May 17 th , 1999 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
	<ul style="list-style-type: none"> • Doctoral Thesis at the faculty of Philosophy: "L'inscription corporelle et contextuelle de l'esprit. Les limitations internes et phénoménologiques de la modélisation de l'intentionnalité en sciences cognitives". 	
Graduate in philosophy	July 3 rd , 1995 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
	<ul style="list-style-type: none"> • Thesis: "La perception visuelle : construction de sens et intentionnalité. Le concept d'intentionnalité chez E. Husserl, J. Searle et en sciences cognitives". 	
Undergraduate in philosophy	June 30 th , 1992 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
Graduate in Polytechnical Sciences	September 6 th , 1994 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain

- Thesis: “Vers une généralisation de la thermodynamique. Application de la thermodynamique irréversible généralisée à la conduction de la chaleur à basse température”.

Bachelor in Polytechnical Sciences June 26th, 1991
Honors

Université catholique de Louvain

PROFESSIONAL ACTIVITIES

LANGUAGES

- Dutch: mother tongue, secondary studies in Dutch.
- French: very good and active knowledge, higher studies in French.
- English: very good and active knowledge.
- Spanish: moderate knowledge, research within a Spanish-speaking team (1 month: Barcelona, 1995).
- German: moderate knowledge, practical experience in a company (1 month: Erlangen, 1991).

ACADEMIC POSITIONS

Since October 1st, 2014

- Professor at the University catholique de Louvain (UCL), Belgium

Since October 1st, 2013

- Senior research associate of the National Foundation for Scientific Research, Belgium: F.R.S.-FNRS

Since October 1st, 2003

- Research associate of the National Foundation for Scientific Research, Belgium: F.R.S.-FNRS
- Associate Professor (Lecturer) at the University catholique de Louvain (UCL), Belgium

RESEARCH POSITIONS

January 2006 - December 2010

- Member of the University Research Conseil (CREC) at the UCL

October 10th, 2000 – October 10th 2003

- FNRS-UCL: Post Doctoral Researcher

October 10th, 1999 – October 10th, 2000

- UCL: Post Doctoral Researcher

October 10th, 1995 – October 10th, 1999

- FNRS-UCL: Research Fellow

TEACHING	September 2003 - June 2019	UCL Reader
	<ul style="list-style-type: none"> • “Séminaire de philosophie des sciences humaines” 30h [2004-2007] FILO3133 – 15h [2007-2017] FILO2940. 	
	September 2003 - June 2019	UCL Reader
	<ul style="list-style-type: none"> • “Questions approfondies d’épistémologie des sciences humaines” 15h FILO2600. 	
	September 2002 - June 2009	UCL Reader
	<ul style="list-style-type: none"> • “Introduction à la philosophie des sciences : partie C, sciences humaines” 15h [2002-2008] – 22,5h [2008-2009] FILO1220. 	
	September 2000 - June 2000	UCL Reader
	<ul style="list-style-type: none"> • “Théorie de l’argumentation et éléments de logique”: 30h - DROI 1116. 	
FOREIGN FELLOWSHIPS & RESEARCH STAYS	25–26 September 2017.	Montpellier (France)
	<ul style="list-style-type: none"> • UMR BGPI Biologie et Génétique des Interactions Plante-Parasite, Campus International de Baillarguet, - research stay with Dr Elisabeth Fournier 	
	26– 28 June 2017	Donau-Universität Krems (Austria)
	<ul style="list-style-type: none"> • Research stay with Professor Roland Scholz 	
	6–22 December 2010	Duke University (USA)
	<ul style="list-style-type: none"> • Research Fellowship from the Centre of Excellence “Genome Sciences and Policy”, Duke Law School (prof. J. Reichman), Durham (NC). 4000 USD 	
	11–15 December 2007	Duke University (USA)
	<ul style="list-style-type: none"> • Invited professor to the Duke Law School (prof. J. Reichman & R. Cook-Deegan), Durham (NC). Financed by Institute for Genome Sciences and Policy. 	
	6–12 October 2007	DSMZ (Brunswick, Germany)
	<ul style="list-style-type: none"> • Deutsche Sammlung für Microorganism (DSMZ), Brunswick. Grant FNRS. 	
8–12 May 2006	Duke University (USA)	
<ul style="list-style-type: none"> • Visiting Scholar at the Duke Law School (prof. J. Reichman & R. Cook-Deegan), Durham (NC). Grant FNRS. 		
September 26 th – October 1 st , 2004	University of Massachusetts (USA)	
<ul style="list-style-type: none"> • Visiting Scholar at the <i>Department of Political Science</i> (prof. P. Haas), University of Massachusetts, Amherst (MA). Grant FNRS. 		
September 30 th – October 6 th , 2002	Indiana University (USA)	
<ul style="list-style-type: none"> • Workshop in Political Theory and Policy Analysis (prof. E. Ostrom). Grant FNRS. 		
January 15 th – February 15 th , 2002	(USA)	
<ul style="list-style-type: none"> • Institute on International Environmental Governance (prof. O. Young, Dartmouth College). Workshop in political Theory and Policy Analysis (prof. E. Ostrom, Indiana University), and Department of Communication of the 		

State University of New York (prof. F.Cooren, University at Albany).
Grant FNRS.

September 1st – October 31th, 1997 Washington University St-Louis (USA)
• *Philosophy- Neuroscience- Psychology program* (prof. W. Bechtel). Grant FNRS

January 9th – February 3th, 1995 Autonomous University of Barcelona (Spain)
• Departament de Física, Física Estadística (prof. Casas Vazquez).
Grant for mobility of the E. C.

FINANCED RESEARCH PROJECTS

January 2017 –December 2020

- Formative scenarios for sustainability. (FNRS – WISD)

January 2017 –December 2020

- Formative scenarios for sustainability- Science ecocitoyenne pour un territoire durable . (FNRS – WISD)

January 2017 –January 2019

- City4coEN – Collaborative cities for collaborative entrepreneurs.
(Innoviris Brussels - Anticipate programme)

October 2013 – June 2018

- Collective action for sustainable food systems in a changing climate: assessing social experimentations and policy innovations (BRAIN-be: Belgian Research Action)

January 2012 - December 2015

- Partner institution in the FP7-OCEAN2011-2 project "Marine Microbial Biodiversity, Bioinformatics and Biotechnology (MICRO B3)". WP on Intellectual Property Management for Marine Bioprospecting.

January 2012 – December 2014

- Governing Global Science Commons. Incentive Grant for Scientific Research . (FNRS)
- INVALUABLE. Integrating Valuations, Markets and Policies for Biodiversity and Ecosystem Services. Financed by the Belgian Science Policy (Belspo).

April 2012 – December 2013

- FP7-PEOPLE-2011-ITN project "Marie Curie" - IPOD cofund.

December 2011 – March 2013

- Impact assessment of the implementation in Belgium of the Nagoya Protocol. SPF Financed by the Belgian Ministry of Public Health and Environment

October 2011 – September 2016

- Principal Investigator (PI) of European Research Council (ERC) starting grant "GENCOMMONS".

September 2011 – August 2015

- Principal Investigator (PI) in the FP7-ENV-2011 project "BIOMOT", coordinated by the Radboud University Nijmegen (RU).

May 2009 – April 2014

- Partner institution in the EU FP7 Large-Scale Collaborative Project “LowInput Breeds”, coordinated by University of Newcastle.

2010 – 2011

- In charge of the study on "Access and benefit-sharing for genetic resources for food and agriculture - Current use and exchange practices, commonalities, differences and user community needs" (LOA with the Commission on Genetic Resources of FAO).

September 2007 – August 2010

- Partner institution in EU FP6 thematic network “COMMUNIA”, coordinated by Politecnico di Torino.

2007 – 2012

- Direction of the Biodiversity governance unit of the inter-university network “Democratic Governance and reflexive theory of collective action” (IUAP VI-06), coordinated by the CPDR and financed by the Belgian Science Policy (Belspo).

January 2006 – July 2006

- In charge of the federal inquiry « Analyse du degré de connaissance et de prise en compte par les acteurs belges des dispositions de la Convention sur Diversité Biologique en matière d'accès aux ressources génétiques et de partage juste et équitable des avantages résultant de leur utilisation ». (SPF Santé publique, sécurité alimentaire et environnement)

2005 – 2010

- Direction of European research network on Global Public Goods ; subnetwork of Refgov integrated project (RTD FP6 CIT3-513420 REFGOV), coordinated by the CPDR.

January 2003 - March 2004

CPDR, UCL

- In charge of the sub-network “Biodiversity and reflexive governance ” of the thematic network “The collective learning as a contribution to democratic governance” co-ordinated by the CPDR and financed by the 5th European Framework Program; organization, with the collaboration of FORUM (University Paris X), the WZB (Berlin) and the GELENA research group (University of Oldenburg), of two international workshops devoted to “The analysis of innovative institutional arrangements for the governance of biogenetic resources” (overview of the program and the participants available at <http://www.uclouvain.be/cpdr.html>).

2002 – 2006

CPDR, UCL

- Co-organisation of the CPDR permanent workshop on “How to evaluate the normative choices of international institutions of regulation?” of the philosophy Cell of the CPDR (prof. Marc Maesschalck and prof. A. Van de Putte) (overview of the program and the participants available at <http://www.uclouvain.be/cpdr.html>).
- Direction of the “Biodiversity Governance” Unit of the project “Theory of the norm and democratic governance” coordinated by the CPDR within the framework of IAPV financed by the Belgian Science Policy (Belspo).

February 2002 – July 2004

CPDR, UCL

**ORGANISATION OF
INTERNATIONAL
CONFERENCES**

- In charge of the research unit “Sustainability Assessment of Trade Agreements and New Approaches to Governance” in the framework of the SUSTRA Network (For an overview of the program and the workshops cf. <http://www.agro-montpellier.fr/sustra/>).
- **20 -22 October 2016: 3rd Thematic IASC-Conference on Knowledge Commons, Paris**
- **28-29 April 2016** : "Forum de co-création pour la transition écologique et sociale", Louvain-la-Neuve, Belgique (ULC-LPTransition.)
[<http://lptransition.uclouvain.be/news-events.html>]
- **10-11 June 2015**: international conference on "Motivations and arguments to act for biodiversity .Alternative ways to inspire innovative policy making", Brussels. Funding EU FP7 projects BESAFE and BIOMOT, and FNRS.
<http://biogov.uclouvain.be/Besafe-Biomot-Conference-June2015>
- **5-7 September 2014**: IASC 2nd thematic conference on knowledge commons: "Governing Pooled Knowledge Resources with special attention to the fields of medicine and the environment", New York <http://www.iasc-commons.org/conferences/thematic/2014-2nd-thematic-conference-knowledge-commons>
- **24-25 March 2014**: “Beyond economic valuation. Alternative ways to express the value of biodiversity in science and policy”, Brussels. Funding EU FP7 project BIOMOT. <http://www.biomotivation.eu/conference2014>
- **12-14 September 2012**: IASC 1st thematic conference on the global knowledge commons: "Building Institutions for Sustainable Scientific, Cultural and genetic Resources Commons", Louvain-la-Neuve (Belgium). [IASC 1st global thematic conference on the global knowledge commons](http://www.iasc-commons.org/conferences/thematic/2012-1st-thematic-conference-global-knowledge-commons)
- **30 June–1 July 2008**: “Assessment of the economic and social impact of the public domain in Europe”, Louvain-la-Neuve (Belgium), Funding EU Communia project and FNRS. <http://communia-project.eu/conf2008>
- **12-13 June 2008**: “Microbial Commons”, Funding IAUP and FNRS, Ghent (Belgium). <http://www.microbialcommons.ugent.be/>
- **4-8 February 2008**: “Which Governance for Which Environment? Institutions, social preferences and knowledge for governing environmental issues, Institut Scientifique de Cargese (Corsica).
- **24-25 May 2007**: “The reflexive Governance of Global Public Goods”, Stream 7 of the 2007 Amsterdam Conference on the Human Dimensions of Global Environmental Change. Funding REFGOV (EU intergrated project), CNRS.
- **15-16 July 2006**: « Institutions for providing global en managing the uncertainly, complexity and change in the field of biodiversity and climate change », Louvain-la-Neuve (Belgium). <http://biogov.cpdr.ucl.ac.be/bioinstit/>
- **7-8 July 2005**: « Exploring and exploiting microbiological commons: contributions of bio-informatics and intellectual property rights in sharing biological information». <http://biogov.cpdr.ucl.ac.be/bioinf/>
- **5-6 February 2004**: « Governance of biodiversity as a global public good: bioprospecting, intellectual property rights and traditional knowledge ».

<http://biogov.cpd.r.ucl.ac.be/ipr/>

- **27-28 March 2003:** « Sustainability Impact Assessment of Trade Agreements and New Approaches to Governance ».
http://biogov.cpd.r.ucl.ac.be/workshop_program.php

From February 2005

OTHER RESEARCH NETWORKS

- Collaboration with the MOSAICS Network. Collaborative Research Project on « the bundle of rights for microbiological resources ».

From December 2004

- UNESCO Research Mission on network governance. Collaborative research established by the biodiversity research unit at CPDR and the MIRCENS directors for a case study on the MIRCEN network.

From November 2004

- The ABS Governance Program. Collaborative research and outreach program established by the Biodiplomacy Initiative at UNI-IAS, IDDRI and the biodiversity research unit at CPDR to provide the opportunity for reflection and debate on cutting edge issues relating to international ABS governance in an informal setting.

From September 2004

- Member of the European Biological Resources Platform. Coordination of pilot projects on integrated database management with University of Ghent (Prof. J. Swings) and UCL (Prof. H. Maraite).

From May 2004

- Member of the GRPI research group (Governance, regulations and power on the Internet, dir. Prof. E. Brousseau, Univ. Paris X).

EVALUATION COMMITTEE

28th-29th January 2017 Scientific Advisory Board (SAB) of the SMaCH Metaprogramme of INRA - Paris, France

From 2008: EU Commission - **Research evaluation:**

- DG Information Society and Media, FP7 e-infrastructure program, Project Vibrant (n 261532), Project PESI (2008-2011) : reviews of 2nd of July 2009; 14th of October 2010; 16th of June 2010; 19th November 2010; 7th June 2011;
- DG Information Society and Media, FP7 e-infrastructure program, Project Vibrant (n 261532): review of 31st January 2012.

From 2005: **Reviewer:**

- Ecological Economics Ecology and society Biodiversity and Conservation

2002 – 2003: **Appraiser:**

- Conseil de recherches en sciences humaines du Canada

SUPERVISION

Supervision of Phd Theses:

- Promotor (with Prof. Yannick Vanderborght) of the thesis in Political Sciences of Agathe Osinski on “From food waste to food aid: an optimal match or a system in need of transformation?” (since October 2017).
- Promotor (with Prof. Peter Verdée) of the thesis in Philosophy of Gwenael Laurent on “Limitations of formal systems: from Gödel to contemporary transdisciplinary

research frameworks" (since October 2017)

- Promotor with Prof. of the thesis of Olivier De Schutter Charlotte de Callatay, "Eau : quels régimes de propriété et de gouvernance pour cette ressource essentielle ? Analyse du droit international et européen et des régimes institutionnels de l'eau douce" (since October 2016)
- Promotor (with Prof. Olivier De Schutter) of the thesis of Paula Fernández-Wulff, "Food Democracy: Promoting Social Innovation and Community Empowerment for the Transition towards Sustainable Food Systems" (since December 2014).
- Promotor (with Prof. Hervé Jeanmart) of the thesis of Hadelin de Beer, "Quelles représentations du développement durable et de design politique mènent à des outputs de qualité ? Etude de cas à la sécurité d'approvisionnement énergétique" (since November 2014).
- Promotor (with Prof. Tom Delreux) of the thesis of Brendan Coolsaet, "Farming Justice. Rights-based approaches to collective agrobiodiversity conservation" (2012-2016, Phd defended on 29/11/2016).
- Promotor (with Prof. Olivier De Schutter) of the thesis of Christine Frison, "Towards Redesigning the Plant Commons" (2010-2016, Phd defended on 10/10/2016).
- Promotor of the thesis of Mathieu Guillermin, "A study of the relations between theories application contexts and paradigmatic choices: from quantum physics to environmental risk theory" (2012-2016, Phd defended on 27/04/2016).
- Promotor (with Prof. Olivier De Schutter) of the thesis of Fulya Batur, "Agrobiodiversity conservation and plant improvement: Adjustments in intellectual property rights reclaiming the public domain towards sustainability and equity" (2008-2014, Phd defended in 09/2014).
- Promotor (with prof. Ph. Goujon) of the thesis of Benjamin Six, "Gouvernance et Confiance" (2005-2009).
- Advisor (promotor Unai Pascual, University of Cambridge) for the thesis of Per Stromberg (2004-2008).

Supervision committees of Phd's:

- José-Luis Vivero Pol, "Food as a Common", promotors Olivier De Schutter and Philippe Baret (July 2012 –thesis defendend 30th October 2017)
- Thesis committee and Phd Jury of:
Gemma Daou (UCL, Phd defended on 11/12/2017), Ndakize Gacaca (UCL, Phd Defended on 29/05/2017), Nicolas Brahy (UCL, Phd defended 09/2006), Anne Lauvie (AgroParisTech, Phd defended 12/2006), Dossou Yovo Bonaventure (ULiège, Phd defended 12/2006), Heather Ritch (Duke Law School, Phd defended 2009), Oleg Bernaz (UCL, Phd defended 22/09/2015)

Promotor of Master thesis, department of philosophy, UCL:

- Juvenal Ndayambaje, "Les conséquences de la rationalité limitée sur la théorie critique à partir de James Bohman" (defended 09/2009).
- Lionel Casterman, "Une lecture épistémologique de James : pour une épistémologie vérificationniste non-physicaliste".
- Alexis Jurdant, "Société de l'information et gouvernance réflexive", defended 09/2008
- Ellyne Lissandre, "Le concept d'appropriation dans les politiques d'aide au développement de la Banque Mondiale : une critique pistémologique des approches en termes de choix rationnel" (defended 09/2007).
- Marie Moulart, "La philosophie de l'argent dans la pensée d'Orléan – Analyse du

concept de confiance" (defended 09/2006).

- Catherine Kohnen, "Le principe de précaution face à la démocratie" (defended 06/2006).
- Benjamin Six, "La rationalisation démocratique et la gouvernance de l'Internet" (defended 09/2003).

Promotor of Master thesis, International Master Programme ESST (Erasmus Mundus), European Studies of Society, Science and Technology, www.esst.eu

- Patricia Jaspers, Governance & Trust. Exploring ethical review practices of research involving human beings (defended 09/2008).
- Michaella Senek, Management of biological commons. A case study of banana collection at Bioversity International transit centre (defended 09/2007).

Post-doc fellows at BIOGOV unit

- Stijn Neuteleers, Phd in Political Philosophy (Sept 2015 – present)
- Sibylle Bui, Phd in Social Sciences (Dec 2015–Jun 2018)
- Charoula-Konstantia Nikolau, Phd in Medical Science (Jan 2016–Mar 2018)
- Ionara Da Costa, Phd in Science and Technology policy (Jan 2016–Dec 2017)
- Matthieu Guillermin, Phd in Physics (Jan 2012-April 2016),
- Paolo Melindi, Phd in Economics (Feb 2012-Jan 2015),
- Audrey Polard, Phd in Bio-engineering (Oct 2012-Dec 2014),
- Arianna Brogiatto, Phd in Law (Nov 2011-Nov 2014),
- Florin Popa, Phd in Philosophy (Nov 2011-Oct 2014),
- Arul Scaria, Phd in Law (Jan 2012-Feb 2014),
- Nicolas Lucchi, Phd in Law (Jan 2012-Jan 2013),
- Helen Ding, Phd in Economics (Mar 2012-Jun 2013),
- Dimitra Manou, Phd in Law (Dec 2011-Dec 2012),
- John Pitseys, Phd in Philosophy (May 2012-Sept 2013),
- Koen Van Den Bossche, Phd in Law (Jan 2012-Mar 2012),
- Maria-Jose Iglesias, Phd in Law (Nov 2008-Oct 2009)
- Sabine Weiland, Phd in Political Science (Oct 2008-Sept 2009),
- Noah Zerbe, Phd in Political Science (2002-2004),
- Selim Louafi, Phd in Bio-engineering (1999-2001).

LECTURES

**INTERNATIONAL
SCIENTIFIC
CONFERENCES**

(invited speaker)

- | | |
|---|----------------------------|
| 12 th September 2017 | Lüneburg (Germany) |
| <ul style="list-style-type: none"> • "Transdisciplinary research for local climate change initiatives." - International Transdisciplinary Conference ITD 2017 (selected upon call for abstracts) | |
| 5 th July 2017 | Louvain-la-Neuve (Belgium) |
| <ul style="list-style-type: none"> • "From platform cooperativism to social enterprise models for the sharing economy" 6th EMES International Research Conference on Social Enterprise | |
| 20 th June 2017 | Göteborg (Sweden) |
| <ul style="list-style-type: none"> • "From formative scenario analysis to the design of territorial foresight for social and ecological sub-politics in climate change policy" - 8th International Sustainability Transitions Conference (selected upon call for abstracts) | |
| 7 th April 2017 | Montreal (Canada) |
| <ul style="list-style-type: none"> • "Orienter l'innovation sociétale vers une éthique de soutenabilité forte. | |

Quels partenariats entre sciences et acteurs sociétaux ?" - Université du Québec –
5^{ème} Colloque International du CRISES.

- 9th December 2016 Namur (Belgium)
- "Construire des scénarios du futur autour de villes et territoires collaboratifs : un outil d'anticipation et de transformation des préférences des acteurs", 8th Conférence méthodologique de l'IWEPS.
- 28th -29th April 2016 Louvain-la-Neuve (Belgium)
- "Innovation sociale et recherche partenariale" - Forum de co-création pour la transition écologique et sociale.
- 10th -14th August 2016 Toronto (Canada)
- "LPTransition: reflections on creating a transdisciplinary research platform for ecological and social transition in the agri-food system." - XIV World Congress of Rural Sociology (Ryerson)
- 30th June-3rd July 2015 Leeds (United Kingdom)
- "Social network analysis of alternative local food systems in Belgium"-
11th International Conference of the European Society for Ecological Economics
- 21st May 2015 Louvain-la-Neuve (Belgium)
- "Social innovation: and intrinsic pillar of sustainable development", with Olivier De Schutter and Frank Moulaert, 2^{ème} Congrès interdisciplinaire du Développement durable.
- 9th May 2014 Brussels (Belgium)
- "How can social innovation and new democratic practices contribute to the transition?" - The Francqui International Conference
- 1st October 2013 Boston (U.S.A.)
- "Microbial commons" - Biotechnology and Standards Conference - MIT
- 21st June 2013 Firenze (Italy)
- "A Theory of Voluntary Pooled Public Knowledge Goods and Coalition Formation", with Paolo Melindi Ghidi. 17th Annual conference of the International society for Institutional Economics (ISNIE)
- 1st February 2013 Namur (Belgium)
- "Les sciences du développement durable pour régir la transition vers la durabilité forte", présentation du rapport commandé par le Ministre wallon du Développement durable et de la Fonction publique, 1^{er} Congrès interdisciplinaire du Développement durable.
- 29th November 2012 Utrecht (The Netherlands)
- "The Knowledge Commons: from historical open science to digitally integrated research networks", Tribute to Elinor Ostrom, Utrecht University Hall.
- 17th November 2011 Firenze (Italy)
- "Governing International Commons: Sharing genetic and other scientific and knowledge resources" - Global Governance Program, European University Institute
- 28th September 2010 Venice (Italy)

- "Designing Global Genetic Resource Commons" - 12th International BIOECON Conference 'From the Wealth of Nations to the Wealth of Nature: Rethinking Economic Growth'.
- 28th May 2010 Brussels (Belgium)
- "Engaging with Reflexive Governance"- Conference on Reflexive Governance in the Public Interest.
- 9th October, 2009 Washington DC (US)
- "Overview of the Governance Considerations for the Microbial Commons. A Framework for Discussion" - The International Symposium on Designing Microbial Research Commons.
- 12th September 2009 Postdam (Germany)
- "Institutional Dynamics in the Governance of Global Public Goods: A Case Study on the Microbial Commons"- ECPR General Conference.
- 1st July 2009 Gothenburg (Sweden)
- "Self-Governance and International Regulation in the Global Microbial Commons : Legal Considerations for Researchers " - 3rd Congress of European Microbiologists – FEMS
- 29th June 2009 Torino (Italy)
- "Institutionalizing Informal Sharing of Essential Knowledge Assets in the Shadow of Property"- 2nd Communia Conference – Global Science and the Economics of Knowledge-Sharing Institutions.
- 22nd June 2009 Nancy (France)
- "Introduction to: Change in Governance as Collective Learning Process: Management, Politics and Ethics in Forestry"- International Symposium, IDDRI.
- 12th June 2009 Florence (Italy)
- "Ex Situ Collections in Microbial Research: The Contribution of Public Networks to Knowledge Accumulation", Manufacturing Markets: Legal, Political and Economic Dynamics.
- 15th October 2008 Hixton (UK)
- "The Digital Credit Trail in Microbial and Genomics Research" - 6th meeting of the Genomic Standards Consortium (GSC), European Bioinformatics Institute
- 17th July 2008 Barcelona (Spain)
- Designing Microbial Research Commons Science Commons satellite event to Euroscience Open Forum 2008
- 15th July 2008 Cheltenham (UK)
- "A resilience-based framework for evaluating joint forest management in Flanders" International meeting of the International Association for the Study of the Commons
- 26th June 2008 Gerardmer (France)
- "Evaluating Joint Forest Management in Flanders", International Symposium on Small-scale Rural Forest Use and Management

- 22nd June 2008 Chalkidiki (Greece)
- “Designing microbial research commons: learning from institutional policies and collaborative network technologies” - Conference on Microbial Diversity and Metagenomics
- 9th October 2007 Goslar (Allemagne)
- “Clarifying the concept of ownership in micro-organisms, associated data, and literature information - 11th International Conference on the Culture Collections.
- 7th August 2007 Saariselka (Finland)
- “Building resilience through dynamic institutional efficiency. The case of forest biodiversity” - IUFRO Division 6 Conference.
- 16th June 2007 Leipzig (Germany)
- “The ecological economics of traditional knowledge” - 7th International Conference of the European Society for Ecological Economics.
- 11st June 2007 Helsinki (Finland)
- “Law and Reflexive Governance”, Policy Instruments and Effectiveness. An Environment and Law Conference - Finnish Environment Institute.
- 25th May 2007 Amsterdam (Netherlands)
- “Building Resilience through Dynamic Institutional Efficiency. The Case of Forest Biodiversity”, Amsterdam Conference on the Human Dimensions of Global Environmental Change.
- 26th March 2007 Brussels (Belgium)
- “Integrating the Microbiological Commons”, Towards a European e-Infrastructure for e-Science Digital Repositories (CODATA/Science Commons).
- 21st September 2006 Maribor (Slovénie)
- “Databases, Biological Information and Collective Action” - 7th International Conference “Human Choice and Computers (HCC7)”.
- 15th June 2006 Louvain-la-Neuve (Belgium)
- “Reflexive governance and the provision of global environmental goods”, REFGOV conference on “Institutions for Providing Global Environmental Goods”, Université catholique de Louvain (UCL.)
- 9th June 2006 Leuven (Belgium)
- “Reflexive governance and intellectual property rights in the bio-economy”, International conference on “Gene patents and Clearing models”, Katholieke Universiteit Leuven (KUL)
- 21st May 2006 Namur (Belgium)
- “Theory of governance for the Information Society: archeology, models and challenges”. International conference on “Information, Society, Governance and Ethics”, Institut d’informatique, FUNDP
- 23rd March 2006 Brescia (Italie)
- “The Institutional economics of sharing biological information”, IASCP Europe

Regional Meeting “Building European Commons: from Open Fields to Open Source”.

- 11th March 2006 Oxford (UK)
- “From risk to governance: function and limit of the precautionary principle” conference on “Good Governance and Democracy”, Merton College Oxford.
- 20th -21st September 2005 Cambridge (UK)
- “The institutional economics of sharing biological information”, seventh annual BIOECON conference: “Economics and the analysis of biology and biodiversity”, Kings College.
- 7th -8th July 2005 Brussels (Belgium)
- “Intellectual property governance for microbiological commons”, International conference on “Exploring the Microbiological Commons” (FP6/IAPV), University Foundation.
- 27th -28th May 2005 Ecole des Mines (France)
- “Democratic governance of internet: some questions beyond self-regulation and co-regulation”, International conference on GRPI.
- 10th-12th October 2004 Tsukuba (Japan)
- “Bioprospecting, intellectual property law and evolutionary economics”, 10th International Congress for Culture Collections (ICCC).
- 30th September – 2nd October 2004
Tucson (USA)
- “The contribution of the emerging institutions of network governance to the provision of global common goods”, 2004 Meeting of the International Society for New-Institutional Economics (ISNIE).
- 2nd -3rd September 2004 Cambridge (UK)
- “Biodiversity and intellectual property law”, International conference on the economics of biodiversity conservation (BIOECON), Kings College.
- 11th- 14th July 2004 Montréal (Canada)
- “Access and benefit sharing in genetic resources”, Meeting of the International Society for Ecological Economics (ISEE).
- 9th July 2004 Louvain-la-Neuve (Belgium)
- “La modalisation du jugement dans la phénoménologie génétique”, Colloque international sur « Idéalisme et Phénoménologie » (GEFLF).
- 16th March 2004 Paris (France)
- “Evaluating the contribution of the emerging paradigm of network governance”, International Conference on Environmental Governance (IDDRI).
- 6th February 2004 Louvain-la-Neuve (Belgium)
- “Biodiversity and Intellectual Property Law: The Stake of a Theory of Reflexive Governance”, International Conference “Governance of Biodiversity as a global public good”.

- 28th -29th August 2003 Venice (Italy)
- “Bioprospection. From the economics of contracts to Reflexive Governance”, International Conference on « Economic Analysis of Policies for Biodiversity Conservation » (BIOECON).
- 3rd – 5th October 2002 Trois-Rivières (Canada)
- “Du fonctionnalisme à la modélisation contextuelle. Les conséquences d’une prise en compte de l’action dans les sciences cognitives”, Colloque international *Action, Attitudes et décision*, Université du Québec
- 27th August 2002 Montreal (Canada)
- “From State Regulation towards Reflexive Self-Regulation of the Information Society”, IFIP World Computer Congress.
- 27th -28th June 27th 2002 Aix-en-Provence (France)
- “De la structure d’éveil au pouvoir d’inférence”, Colloque international sur la phénoménologie fichtéenne (GEFLF), Université d’Aix-en-Provence
- INTERNATIONAL RESEARCH SEMINARS** Brussels (Belgium)
(invited speaker)
- 23th November 2017
 - "Orienter l’innovation sociétale vers la transition écologique et sociale" 2^{ième} rencontre de l’impact social (RIS2)
 - 20th November 2017 Paris (France)
 - "Pour une coévolution des approches scientifiques, des valeurs et des capacités de transformation sociétale" - Université de Paris Saclay - Séminaire changements environnementaux et société.
 - 15th -16th December 2016 Paris (France)
 - "Construire la confiance dans les partenariats acteurs – chercheurs : le rôle de visions communes sur la biodiversité fromagère autour d’alternatives économiques territoriales et durables" - 2^{ième} Seminiare REPASTOL.
 - 1st -2nd December 2016 Rome(Italy)
 - " Coupled human and environmental systems in the sciences of the Anthropocene" – Seminar on « The Nature of Our Biophilic Universe", Interdisciplinary workshop in honour of Monseigneur Georges Lemaître, Academia Belgica
 - 2nd-3rd February 2016 Cully (Switzerland)
 - "The role of internal motivations in the governance of natural resource commons", ResourceLab Workshop 3: Scales and spaces of common resources governance: between village commons and global commons.
 - 6th February 2015 Paris (France)
 - "La transition vers des systèmes durables par l’innovation sociale: biens communs et recherche transdisciplinaire" - International seminar "Gérer la santé des plantes comme un bien commun" - Institut National de Recherche Agronomique (INRA).
 - 9th October 2014 Lille (France)
 - "Réinventer l’économie des écosystèmes : pour une approche transdisciplinaire de la transition écologique"- Seminar on Ecosystémic Services, Maison Européenne des

Sciences de l'Homme et de la Société (MESHS).

- 3rd April 2014 Paris (France)
- "Quels acteurs et quelles sciences pour la transition écologique?", Séminaire Dominique Méda.
- 27th June 2012 Bonn (Germany)
- "Overview and current analysis of viewpoints regarding the specific nature and specific features of genetic resources for food and agriculture versus genetic resources in general", ABS Workshop, Ministry for Food, Agriculture and Consumer Protection.
- 14th June 2009 Uppsala (Sweden)
- "Legal Aspects of Soil Metagenomics"- Terra Genome Workshop.
- 23rd April 2009 Dublin (Ireland)
- "Engaging with Reflexive Governance" - Workshop on Reflexive Governance and Empirical Research.
- 17th October 2009 Rome (Italy)
- Policies for Access and Benefit-Sharing for Microbial Genetic Resources, 17th of October 2009, Invited Panelist, Seminar on Policies and Arrangements for Access and Benefit-Sharing for Genetic Resources for Food and Agriculture.
- 12th October 2007 Goslar (Germany)
- "Stakeholder experimentation with open access tools for integrating data, literature and material in the WFCC community", invited speaker, 26th annual meeting ECCO.
- 26th March 2007 Brussels (Belgium)
- « Integrating the microbial commons », Invited speaker, Towards a European E-Infrastructure For E-Science Digital Repositories.
- 21th October 2006 Beijing (China)
- « The Microbiological Commons », Creating Digital Information Commons for Science : A Workshop of the Committee on Data for Science and Technology (CODATA)
- 15th September 2006 Brussels (Belgium)
- "Microbiological Commons Project", Developing Information Commons for Science In Europe.
- 18th May 2006 Cargèse (France)
- « Global Governance: the Economics of the Exploration, Provision and Diffusion of Global Public Goods ». International Seminar ESNIE, Institut d'études scientifiques.
- 23rd November 2005 University of Cambridge (UK)
- « Dynamic economic efficiency in endogenous growth theory». Colloquium series of the Department of Land Economy.
- 5th October 2005 Bruxelles (Belgium)
- « Concept of "Bundle of Rights" ». International Research Seminar MOSAICS.

- February 2005 Hsinchu (Taiwan)
- Lecture on « The Bundle of Rights on Microbial Resources ». Symposium on the role of BRC in the ABS Problematic (FIRDI, BCCM), Food Industry Research and Development Institute.
- 22th Novembre 2004 Paris (France)
- Lecture on « Vers une redéfinition des modes d'organisation politique ? » Seminar GPRI, Ecole des Mines.
- 19th October 2004 Paris (France)
- Lecture on “Gouvernance internationale de la biodiversité: des politiques incitatives à la gouvernance en réseau”. Séminaire développement durable et économie de l'environnement, IDDRI.
- 13th October 2004 United Nations University - IAS (Japan)
- Lecture on “The economic Rationale for User Measures”. The UNU-IAS Roundtable on User Measures.
- 27th September 2004 University of Massachusetts, Amherst (USA)
- Lecture on “Biodiversity and democratic governance”. The department of Political Science and Political Economy Research Institute.
- 18th December 2003 Université catholique de Lille (France)
- Lecture on “Gouvernance réflexive et éthique environnementale”. Séminaire du Réseau Régional de Recherche en Ethique.
- 28th August 2002 Université du Québec, Montréal (Canada)
- Lecture on “Action et contexte: du tournant cognitiviste à la phénoménologie”. Département de Philosophie.
- 12th February 2002 Indiana University (USA)
- Lecture on “Biological diversity protection and self-regulation of local communities, some Implications of a reflexive Institutional Approach”, Workshop in Political Theory and Policy Analysis.
- 30th January 2002 Dartmouth college NH (USA)
- Lecture on “Institutional framing of self-regulation: exploring incentive schemes of co-management”. Rockefeller Center's Human Dimensions of Environmental Policy Faculty Workshop.
- 28th January 2002 Dartmouth college NH (USA)
- Lecture on “Biological Diversity and indigenous communities: local knowledge versus local development”, Environmental Science Department.
- 3rd October 1997 Washington University in St .Louis, MO (USA)
- Lecture on “Perceptual experience of the world: Husserl's theory of perception and cognitive science”, program in philosophy, neuroscience and psychology.

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- NATIONAL RESEARCH SEMINARS** (invited speaker)
- 27th of March 2017 Brussels (Belgium)
 - "La contribution de l'économie collaborative à la vie économique et sociétale" - Workshop of the Région de Bruxelles Capitale on the Sharing Economy.

 - 29th November 2016 Louvain-la-Neuve (Belgium)
 - "Public Policy for Ecological/Social Profit Economy Initiatives", Seminar "Biodiversity, Environmental Justice and Innovative Public Policy", Université catholique de Louvain, Centre for Philosophy of Law, Biogov Unit.

 - 10th June 2016 Namur (Belgium)
 - "Définition, opportunité et enjeux de la Recherche Partenariale comme acteur de transition" - Séminaire UNIPSO - Cluster Innovation Sociale.

 - 9th March 2012 Brussels (Belgium)
 - "Partager sans posséder : le patrimoine génétique comme bien commun". Conference on the Commons organized by Oikos and Etopia.

 - 13th March 2008 Louvain-La-Neuve (Belgium)
 - "Building Resilience through dynamic institutional efficiency". Contribution au "Midis Informels" du groupe de recherche "Forêt, Nature et Société".

 - 24th November 2006 Leuven (Belgium)
 - "The Concept of Reflexive Governance", Research seminar of the Centre for the Intellectual Property Rights.

 - 3rd March 2005 Université de Liège (Belgium)
 - « Phénoménologie et gouvernance réflexive. Pour un modèle phénoménologique de la réflexivité en théorie de la gouvernance ». Research seminar on mind phenomenology and philosophy.

 - 24th February 2005 Namur (Belgium)
 - « La gouvernance – archéologie, enjeux et modalités ». Invited speaker. Introduction to the seminar « Raison technique, raison éthique et gouvernance démocratique », Institut d'Informatique, FUNDP .

 - 2nd February 2005 Université de Ghent (Belgium)
 - "Voorbij de mind/body discussie : intentionaliteit en context in de hedendaagse filosofie van de geest". Seminar of the research unit « Evolution and Complexity ».

 - March 2000 Louvain-La-Neuve (Belgium)
 - "L'analyse sémantique des formalismes. La transformation de la pratique scientifique et le concept de la nature chez Whitehead", Séminaire de philosophie sociale et politique, Université catholique de Louvain (ISP).

 - 25th November 1999 Louvain-La-Neuve (Belgium)
 - "Éthique communicationnelle et concrétisation", Séminaire de l'école doctorale au Centre de Philosophie du Droit, Université catholique de Louvain

 - 25th November 1999 Louvain-La-Neuve (Belgium)
 - "Les limitations de la modélisation de l'intelligence du point de vue des sciences cognitives contemporaines", Séminaire de troisième cycle en philosophie

contemporaine, Université catholique de Louvain (ISP)

5th February 1999

Louvain-La-Neuve (Belgium)

- “Le concept de modèle chez Frederick Suppe, Bas van Fraassen et Mario Bunge”,
Séance introductive du séminaire de troisième cycle en philosophie des sciences,
Université catholique de Louvain (ISP)

**TRAINING
COURSES**

9th-10th July 2008

Nice (France)

- EU training network on Democracy and Knowledge

21st June 2008

Nancy (France)

- Research Training Workshop on Systems Analysis as Applied to Forest Policy and
Management Issues, AgroParisTech-ENGREF