

# 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

- *Professional address* : Université catholique de Louvain (UCL)  
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- *Date and place of birth*: Brugge (Belgium) - December 29<sup>th</sup>, 1971

## PUBLICATIONS

### BOOKS

- Reichman J., Dedeurwaerdere T. and Uhler 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. and Six, B. 2017. "Towards a broadened ethical pluralism in environmental ethics: From pluralist discourse ethics to James' experiential pluralism". *Environmental Ethics* 38(4): 387-402 (to be published).
- 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.
- Frison, C., and Dedeurwaerdere, T., 2010, "Intellectual Property and Mechanisms for Facilitated Access to Genetic Resources in the Treaty on Plant Genetic Resources for Food and Agriculture", *European Intellectual Property Review*, 2010, Issue 1, pp. 1-8.
- 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.
- Dawyndt, P., Dedeurwaerdere, T., and Swings, J., 2006, "Exploring the microbiological 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.

Feltz, B., Crommelinck, M. and Dedeurwaerdere, T., 2000, "Vers une science de la conscience? Approches scientifiques, épistémologiques, anthropologiques", *Revue Philosophique de Louvain*, Vol. 98, no. 4, p. 655-658.

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 BOOKS

von Kries, C., Broggiato, A., Dedeurwaerdere, T., and Winter, G. 2015. "Micro B3 model agreement on access to marine microorganisms and benefit-sharing. Text and commentary". In Chege Kamau, E., Stoll, P.-T., and Winter, G.(eds.) *Research and Development on Genetic Resources. Public Domain Approaches in Implementing the Nagoya Protocol*. Routledge, June 2015.

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Dedeurwaerdere, T., 2012, "Democratic governance and reflexive modernization of the internet", in Brousseau, E., Marzouki, M. and Meadel, C. (ed.) *Governance, Regulations and Powers on the Internet*, Cambridge University Press, 151-169.

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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 Uhler, 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.

Dedeurwaerdere, T., 2008, "Le naturalisme en philosophie de l'esprit et la critique du fonctionnalisme", in D. Vanderveken and D. Fissette. *Actions, rationalité et décision. Action, Rationality and Decision*, London: College Publications, 203-230.

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 Maeschalck, M., *Fichte, La philosophie de la maturité*, Paris: Vrin, pp. 253-270.

Maeschalck , 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 Maeschalck, 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.

Maeschalck , 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](http://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.cpd.ucl.ac.be/docs/docTravail/dedeurwaerdere104.pdf](http://www.cpd.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.cpd.ucl.ac.be/docs/docTravail/dedeurwaerdere94.pdf](http://www.cpd.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.cpd.ucl.ac.be/docs/docTravail/dedeurwaerdere91.pdf](http://www.cpd.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.cpd.ucl.ac.be/docs/docTravail/dedeurwaerdere82.pdf](http://www.cpd.ucl.ac.be/docs/docTravail/dedeurwaerdere82.pdf)

## COMMISSIONED REPORTS

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

## PRESS & NEWSLETTERS

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 <sup>th</sup> , 1999 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
	<ul style="list-style-type: none"> <li>• 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”.</li> </ul>	
Graduate in philosophy	July 3 <sup>rd</sup> , 1995 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
	<ul style="list-style-type: none"> <li>• Thesis: “La perception visuelle : construction de sens et intentionnalité. Le concept d’intentionnalité chez E. Husserl, J. Searle et en sciences cognitives”.</li> </ul>	
Undergraduate in philosophy	June 30 <sup>th</sup> , 1992 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
Graduate in Polytechnical Sciences	September 6 <sup>th</sup> , 1994 <i>Great Honors, Cum Laude</i>	Université catholique de Louvain
	<ul style="list-style-type: none"> <li>• Thesis: “Vers une généralisation de la thermodynamique. Application de la thermodynamique irréversible généralisée à la conduction de la chaleur à basse température”.</li> </ul>	
Bachelor in Polytechnical Sciences	June 26 <sup>th</sup> , 1991 <i>Honors</i>	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 1<sup>st</sup>, 2014

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

Since October 1<sup>st</sup>, 2013

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

Since October 1<sup>st</sup>, 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 10<sup>th</sup>, 2000 – October 10<sup>th</sup> 2003

- FNRS-UCL: Post Doctoral Researcher

October 10<sup>th</sup>, 1999 – October 10<sup>th</sup>, 2000

- UCL: Post Doctoral Researcher

October 10<sup>th</sup>, 1995 – October 10<sup>th</sup>, 1999

- FNRS-UCL: Research Fellow

### TEACHING

September 2003 - June 2017

- “Séminaire de philosophie des sciences humaines” [2004-2007] FILO3133 – 15h [2007-2017] FILO2940).

UCL Reader  
(30h)

September 2003 - June 2016

- “Questions approfondies d’épistémologie des sciences humaines” (15h FILO 2600).

UCL Reader  
(15h)

September 2002 - June 2009

- “Introduction à la philosophie des sciences : partie C, sciences humaines” (15h [2002-2008] - 22,5h [2008-2009] FILO 1220).

UCL Reader

- September 2000 - June 2000 UCL Reader
- “Théorie de l’argumentation et éléments de logique” (30H - DROI 1116).
- FOREIGN FELLOWSHIPS**
- December 6<sup>th</sup> – December 22<sup>th</sup>, 2010 Duke University (USA)
- Research Fellowship from the Centre of Excellence “Genome Sciences and Policy”, Duke Law School (prof. J. Reichman), Durham (NC). 4000 USD
- December 11<sup>th</sup> – Decembre 15<sup>th</sup>, 2007 Duke University (USA)
- Invited professor to the Duke Law School (prof. J. Reichman & R. Cook-Deegan), Durham (NC). Financed by Institute for Genome Sciences and Policy.
- October 6<sup>th</sup>-12<sup>th</sup>, 2007 DSMZ (Brunswick, Germany)
- Deutsche Sammlung für Microorganism (DSMZ), Brunswick. Grant FNRS.
- May 8<sup>th</sup> – May 12<sup>th</sup>, 2006 Duke University (USA)
- Visiting Scholar at the Duke Law School (prof. J. Reichman & R. Cook-Deegan), Durham (NC). Grant FNRS.
- September 26<sup>th</sup> – October 1<sup>st</sup>, 2004 University of Massachusetts (USA)
- Visiting Scholar at the *Department of Political Science* (prof. P. Haas), University of Massachusetts, Amherst (MA). Grant FNRS.
- September 30<sup>th</sup> – October 6<sup>th</sup>, 2002 Indiana University (USA)
- Workshop in Political Theory and Policy Analysis (prof. E. Ostrom). Grant FNRS.
- January 15<sup>th</sup> – February 15<sup>th</sup>, 2002 (USA)
- 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 1<sup>st</sup> – October 31<sup>st</sup>, 1997 Washington University St-Louis (USA)
- *Philosophy- Neuroscience- Psychology program* (prof. W. Bechtel). Grant FNRS
- January 9<sup>th</sup> – February 3<sup>th</sup>, 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 –January 2019**
- City4coEN – Collaborative cities for collaborative entrepreneurs. (Innoviris brussels - Anticipate programme)
- 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)

#### **October 2013 – December 2017**

- 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

- 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/>).

## ORGANISATION OF INTERNATIONAL CONFERENCES

- **20<sup>th</sup> -22<sup>nd</sup> October 2016:** "Forum de co-création pour la transition écologique et sociale", Louvain-la-Neuve, Belgique (ULC-LPTransition.) [<http://lptransition.uclouvain.be/news-events.html>]
- **28-29 April 2016 :** "Motivations and arguments to act for biodiversity. Alternative ways to inspire innovative policy making"- Brussels. [<http://biogov.uclouvain.be/Besafe-Biomot-Conference-June2015>] Funding EU FP7 projects BESAFE and BIOMOT, and FNRS
- **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 2<sup>nd</sup> 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 1<sup>st</sup> 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/bioinstitut/>
- **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.cpdr.ucl.ac.be/ipr/>
- **27-28 March 2003:** « Sustainability Impact Assessment of Trade Agreements and New Approaches to Governance ». [http://biogov.cpdr.ucl.ac.be/workshop\\_program.php](http://biogov.cpdr.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

From 2005: **Reviewer:**

- Ecological Economics Ecology and society Biodiversity and Conservation

2002 – 2003: **Appraiser:**

- Conseil de recherches en sciences humaines du Canada

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

## SUPERVISION

**Supervision of Phd Theses:**

- 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).
- Thesis committee\_of: 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).

#### **Supervision committees of Phd's:**

- José-Luis Vivero Pol, "Food as a Common" (since February 2012), promotors Olivier De Schutter and Philippe Baret
- Charlotte de Callataÿ, " 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 Olivier De Schutter (supervision committee: Tom Dedeurwaerdere)

#### **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 Sept 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 Sept 2007).
- Marie Moulart, "La philosophie de l'argent dans la pensée d'Orléan – Analyse du concept de confiance" (defended Sept 2006).
- Catherine Kohnen, "Le principe de précaution face à la démocratie" (defended June 2006).
- Benjamin Six, "La rationalisation démocratique et la gouvernance de l'Internet" (defended Sept 2003).

#### **Promotor of Master thesis, International Master Programme ESST (Erasmus Mundus), European Studies of Society, Science and Technology, [www.esst.eu](http://www.esst.eu)**

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

#### **Post-doc fellows at BIOGOV unit**

- Matthieu Guillermin, Phd in physics (Jan 2012-April 2016),
- Audrey Polard, Phd in bio-engineering (Oct 2012-Dec 2014),
- Paolo Melindi, Phd in economics (Feb 2012-Jan 2015),
- 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

- |  |                            |
|--|----------------------------|
| 9th December 2016  | Namur (Belgium)            |
| <ul style="list-style-type: none"> <li>• "Construire des scénarios du futur autour de villes et territoires collaboratifs : un outil d'anticipation et de transformation des préférences des acteurs", 8<sup>th</sup> Conférence méthodologique de l'IWEPS.</li> </ul>   |                            |
| 28 <sup>th</sup> -29 <sup>th</sup> April 2016  | Louvain-la-Neuve (Belgium) |
| <ul style="list-style-type: none"> <li>• "Innovation sociale et recherche partenariale" - Forum de co-crédation pour la transition écologiqu e et sociale.</li> </ul>  |                            |
| 10 <sup>th</sup> -14 <sup>th</sup> August 2016   | Toronto (Canada)           |
| <ul style="list-style-type: none"> <li>• "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)</li> </ul>  |                            |
| 30 <sup>th</sup> June-3 <sup>rd</sup> July 2015  | Leeds (United Kingdom)     |
| <ul style="list-style-type: none"> <li>• "Social network analysis of alternative local food systems in Belgium"- 11<sup>th</sup> International Conference of the European Society for Ecological Economics</li> </ul>  |                            |
| 21 <sup>st</sup> May 2015  | Louvain-la-Neuve (Belgium) |
| <ul style="list-style-type: none"> <li>• "Social innovation: and intrinsic pillar of sustainable development", with Olivier De Schutter and Frank Moulaert, 2<sup>ème</sup> Congrès interdisciplinaire du Développement durable.</li> </ul>  |                            |
| 9 <sup>th</sup> May 2014   | Brussels (Belgium)         |
| <ul style="list-style-type: none"> <li>• "How can social innovation and new democratic practices contribute to the transition?" - The Francqui International Conference</li> </ul>   |                            |
| 1 <sup>st</sup> October 2013   | Boston (U.S.A.)            |
| <ul style="list-style-type: none"> <li>• "Microbial commons" - Biotechnology and Standards Conference - MIT</li> </ul>   |                            |
| 21 <sup>st</sup> June 2013   | Firenze (Italy)            |
| <ul style="list-style-type: none"> <li>• "A Theory of Voluntary Pooled Public Knowledge Goods and Coalition Formation", with Paolo Melindi Ghidi. 17<sup>th</sup> Annual conference of the International society for Institutional Economics (ISNIE)</li> </ul>  |                            |
| 1 <sup>st</sup> February 2013  | Namur (Belgium)            |
| <ul style="list-style-type: none"> <li>• "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<sup>er</sup> Congrès interdisciplinaire du Développement</li> </ul> |                            |

durable.

- 29<sup>th</sup> November 2012 Utrecht (The Netherlands)
- "The Knowledge Commons: from historical open science to digitally integrated research networks", Tribute to Elinor Ostrom, Utrecht University Hall.
- 17<sup>th</sup> November 2011 Firenze (Italy)
- "Governing International Commons: Sharing genetic and other scientific and knowledge resources" - Global Governance Program, European University Institute
- 28<sup>th</sup> September 2010 Venice (Italy)
- "Designing Global Genetic Resource Commons" - 12<sup>th</sup> International BIOECON Conference 'From the Wealth of Nations to the Wealth of Nature: Rethinking Economic Growth'.
- 28<sup>th</sup> May 2010 Brussels (Belgium)
- "Engaging with Reflexive Governance"- Conference on Reflexive Governance in the Public Interest.
- 9<sup>th</sup> 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.
- 12<sup>th</sup> September 2009 Postdam (Germany)
- "Institutional Dynamics in the Governance of Global Public Goods: A Case Study on the Microbial Commons"- ECPR General Conference.
- 1<sup>st</sup> July 2009 Gothenburg (Sweden)
- "Self-Governance and International Regulation in the Global Microbial Commons : Legal Considerations for Researchers " - 3<sup>rd</sup> Congress of European Microbiologists – FEMS
- 29<sup>th</sup> June 2009 Torino (Italy)
- "Institutionalizing Informal Sharing of Essential Knowledge Assets in the Shadow of Property"- 2<sup>nd</sup> Communia Conference – Global Science and the Economics of Knowledge-Sharing Institutions.
- 22<sup>nd</sup> June 2009 Nancy (France)
- "Introduction to: Change in Governance as Collective Learning Process: Management, Politics and Ethics in Forestry"- International Symposium, IDDRI.
- 12<sup>th</sup> 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.
- 15<sup>th</sup> October 2008 Hixton (UK)
- "The Digital Credit Trail in Microbial and Genomics Research" - 6<sup>th</sup> meeting of the Genomic Standards Consortium (GSC), European Bioinformatics Institute

- 
- 17<sup>th</sup> July 2008 Barcelona (Spain)
- Designing Microbial Research Commons Science Commons satellite event to Euroscience Open Forum 2008
- 15<sup>th</sup> 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
- 26<sup>th</sup> June 2008 Gerardmer (France)
- “Evaluating Joint Forest Management in Flanders”, International Symposium on Small-scale Rural Forest Use and Management
- 22<sup>nd</sup> June 2008 Chalkidiki (Greece)
- “Designing microbial research commons: learning from institutional policies and collaborative network technologies” - Conference on Microbial Diversity and Metagenomics
- 9<sup>th</sup> October 2007 Goslar (Allemagne)
- “Clarifying the concept of ownership in micro-organisms, associated data, and literature information - 11<sup>th</sup> International Conference on the Culture Collections.
- 7<sup>th</sup> August 2007 Saariselka (Finland)
- “Building resilience through dynamic institutional efficiency. The case of forest biodiversity” - IUFRO Division 6 Conference.
- 16<sup>th</sup> June 2007 Leipzig (Germany)
- “The ecological economics of traditional knowledge” - 7<sup>th</sup> International Conference of the European Society for Ecological Economics.
- 11<sup>st</sup> June 2007 Helsinki (Finland)
- “Law and Reflexive Governance”, Policy Instruments and Effectiveness. An Environment and Law Conference - Finnish Environment Institute.
- 25<sup>th</sup> 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.
- 26<sup>th</sup> March 2007 Brussels (Belgium)
- “Integrating the Microbiological Commons”, Towards a European e-Infrastructure for e-Science Digital Repositories (CODATA/Science Commons).
- 21<sup>st</sup> September 2006 Maribor (Slovénie)
- “Databases, Biological Information and Collective Action” - 7<sup>th</sup> International Conference “Human Choice and Computers (HCC7)”.
- 15<sup>th</sup> 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.)

- 9<sup>th</sup> 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)
- 21<sup>st</sup> 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
- 23<sup>rd</sup> March 2006 Brescia (Italie)
- “The Institutional economics of sharing biological information”, IASCP Europe Regional Meeting “Building European Commons: from Open Fields to Open Source”.
- 11<sup>th</sup> March 2006 Oxford (UK)
- “From risk to governance: function and limit of the precautionary principle” conference on “Good Governance and Democracy”, Merton College Oxford.
- 20<sup>th</sup> -21<sup>st</sup> 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.
- 7<sup>th</sup> -8<sup>th</sup> July 2005 Brussels (Belgium)
- “Intellectual property governance for microbiological commons”, International conference on “Exploring the Microbiological Commons” (FP6/IAPV), University Foundation.
- 27<sup>th</sup> -28<sup>th</sup> May 2005 Ecole des Mines (France)
- “Democratic governance of internet: some questions beyond self-regulation and co-regulation”, International conference on GRPI.
- 10<sup>th</sup>-12<sup>th</sup> October 2004 Tsukuba (Japan)
- “Bioprospecting, intellectual property law and evolutionary economics”, 10<sup>th</sup> International Congress for Culture Collections (ICCC).
- 30<sup>th</sup> September – 2<sup>nd</sup> 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).
- 2<sup>nd</sup> -3<sup>rd</sup> September 2004 Cambridge (UK)
- “Biodiversity and intellectual property law”, International conference on the economics of biodiversity conservation (BIOECON), Kings College.
- 11<sup>th</sup>- 14<sup>th</sup> July 2004 Montréal (Canada)
- “Access and benefit sharing in genetic resources”, Meeting of the International Society for Ecological Economics (ISEE).
- 9<sup>th</sup> July 2004 Louvain-la-Neuve (Belgium)
- “La modalisation du jugement dans la phénoménologie génétique”, Colloque

international sur « Idéalisme et Phénoménologie » (GEFLF).

- 16<sup>th</sup> March 2004 Paris (France)
- “Evaluating the contribution of the emerging paradigm of network governance”, International Conference on Environmental Governance (IDDRI).
- 6<sup>th</sup> 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”.
- 28<sup>th</sup> -29<sup>th</sup> August 2003 Venice (Italy)
- “Bioprospection. From the economics of contracts to Reflexive Governance”, International Conference on « Economic Analysis of Policies for Biodiversity Conservation » (BIOECON).
- 3<sup>rd</sup> – 5<sup>th</sup> 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
- 27<sup>th</sup> August 2002 Montreal (Canada)
- “From State Regulation towards Reflexive Self-Regulation of the Information Society”, IFIP World Computer Congress.
- 27<sup>th</sup> -28<sup>th</sup> June 27<sup>th</sup> 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
- 15<sup>th</sup> -16<sup>th</sup> December 2016 Paris (France)
- "Construire la confiance dans les partenariats acteurs – chercheurs : le rôle de visions communes sur la microbiodiversité fromagère autour d’alternatives économiques territoriales et durables", 2è Seminiare REPASTOL
- Invited speaker
- 1<sup>st</sup> -2<sup>nd</sup> 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 Lemaitre, Academia Belgica
- 29<sup>th</sup> November 2016 Louvain-la-Neuve (Belgium)
- "Public Policy for Ecological/Social Profit Economy Initiatives", Seminar on "Biodiversity, Environmental Justice and Innovative Public Policy", Université catholique de Louvain, Centre for Philosophy of Law, Biogov Unit.
- 2<sup>nd</sup>-3<sup>rd</sup> 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.

**INTERNATIONAL  
RESEARCH SEMINARS**

- 
- 6<sup>th</sup> 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).
- 9<sup>th</sup> October 2014 Lille (France)
- "Réinventer l'économie des écosystèmes : pour une approche transdisciplinaire de la transition écologique"- Seminar on Ecosystemic Services, Maison Européenne des Sciences de l'Homme et de la Société (MESHS).
- 3<sup>rd</sup> April 2014 Paris (France)
- "Quels acteurs et quelles sciences pour la transition écologique?", Séminaire Dominique Méda.
- 27<sup>th</sup> 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.
- 14<sup>th</sup> June 2009 Uppsala (Sweden)
- "Legal Aspects of Soil Metagenomics"- Terra Genome Workshop.
- 23<sup>rd</sup> April 2009 Dublin (Ireland)
- "Engaging with Reflexive Governance" - Workshop on Reflexive Governance and Empirical Research.
- 17<sup>th</sup> October 2009 Rome (Italy)
- Policies for Access and Benefit-Sharing for Microbial Genetic Resources, 17<sup>th</sup> of October 2009, Invited Panelist, Seminar on Policies and Arrangements for Access and Benefit-Sharing for Genetic Resources for Food and Agriculture.
- 12<sup>th</sup> October 2007 Goslar (Germany)
- "Stakeholder experimentation with open access tools for integrating data, literature and material in the WFCC community", invited speaker, 26<sup>th</sup> annual meeting ECCO.
- 26<sup>th</sup> March 2007 Brussels (Belgium)
- « Integrating the microbial commons », Invited speaker, Towards a European E-Infrastructure For E-Science Digital Repositories.
- 21<sup>th</sup> 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)
- 15<sup>th</sup> September 2006 Brussels (Belgium)
- "Microbiological Commons Project", Developing Information Commons for Science In Europe.
- 18<sup>th</sup> 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.

- 23<sup>rd</sup> November 2005 University of Cambridge (UK)
- « Dynamic economic efficiency in endogenous growth theory ». Colloquium series of the Department of Land Economy.
- 5<sup>th</sup> 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.
- 22<sup>th</sup> Novembre 2004 Paris (France)
- Lecture on « Vers une redéfinition des modes d'organisation politique ? » Seminar GPRI, Ecole des Mines.
- 19<sup>th</sup> 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.
- 13<sup>th</sup> October 2004 United Nations University - IAS (Japan)
- Lecture on “The economic Rationale for User Measures”. The UNU-IAS Roundtable on User Measures.
- 27<sup>th</sup> September 2004 University of Massachusetts, Amherst (USA)
- Lecture on “Biodiversity and democratic governance”. The department of Political Science and Political Economy Research Institute.
- 18<sup>th</sup> December 2003 Université catholique de Lille (France)
- Lecture on “Gouvernance réflexive et éthique environnementale”. Séminaire du Réseau Régional de Recherche en Ethique.
- 28<sup>th</sup> August 2002 Université du Québec, Montréal (Canada)
- Lecture on “Action et contexte: du tournant cognitiviste à la phénoménologie”. Département de Philosophie.
- 12<sup>th</sup> 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.
- 30<sup>th</sup> 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.
- 28<sup>th</sup> January 2002 Dartmouth college NH (USA)

**NATIONAL RESEARCH  
SEMINARS**

## Invited speaker

- Lecture on “Biological Diversity and indigenous communities: local knowledge versus local development”, Environmental Science Department.
- 3<sup>rd</sup> 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.
- 29<sup>th</sup> November 2016 Louvain-la-Neuve (Belgium)
- Lecture on "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.
- 10<sup>th</sup> June 2016 Namur (Belgium)
- Lecture on "Définition, opportunité et enjeux de la Recherche Partenariale comme acteur de transition" - Séminaire UNIPSO -Cluster Innovation Sociale.
- 9<sup>th</sup> March 2012 Brussels (Belgium)
- Lecture on “Partager sans posséder : le patrimoine génétique comme bien commun”. Conference on the Commons organized by Oikos and Etopia.
- 13<sup>th</sup> March 2008 Louvain-La-Neuve ( Belgium)
- Lecture on “Building Resilience through dynamic institutional efficiency”. Contribution au “Midis Informels” du groupe de recherche “Forêt, Nature et Société”.
- 24<sup>th</sup> November 2006 Leuven (Belgium)
- Lecture on “The Concept of Reflexive Governance”, Research seminar of the Centre for the Intellectual Property Rights.
- 3<sup>rd</sup> March 2005 Université de Liège (Belgium)
- Lecture on « Phénoménologie et gouvernance réflexive. Pour un modèle phénoménologique de la réflexivité en théorie de la gouvernance ». Research seminar on mind phenomenology and philosophy.
- 24<sup>th</sup> February 2005 Namur (Belgium)
- Lecture on « La gouvernance – archéologie, enjeux et modalités ». Invited speaker. Introduction to the seminar « Raison technique, raison éthique et gouvernance démocratique», Institut d’Informatique, FUNDP .
- 2<sup>nd</sup> February 2005 Université de Ghent (Belgium)
- Lecture on « 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)
- Lecture on “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).
- 25<sup>th</sup> November 1999 Louvain-La-Neuve ( Belgium)



- Lecture on “Ethique communicationnelle et concrétisation”, Séminaire de l'école doctorale au Centre de Philosophie du Droit, Université catholique de Louvain

25<sup>th</sup> November 1999

Louvain-La-Neuve ( Belgium)

- Lecture on “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)

5<sup>th</sup> February 1999

Louvain-La-Neuve ( Belgium)

- Lecture on “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)

9<sup>th</sup>-10<sup>th</sup> July 2008

Nice (France)

- EU training network on Democracy and Knowledge

21<sup>st</sup> June 2008

Nancy (France)

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

## TRAINING COURSES