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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.

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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

Melindi-Ghidi, P., Dedeurwaerdere, T., and Fabbri, G. 2020. "Using environmental knowledge brokers to promote deep green agrienvironment Measures", *Ecological Economics*, 176 (2020) 106722.

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Scopelliti, M. et al. 2018. "What makes you a 'hero' for nature? Socio-psychological profiling of leaders committed to nature and biodiversity protection across seven EU countries", *Journal of Environmental Planning and Management* 2018.

Dedeurwaerdere, T. 2017. "From ecological psychology to four varieties of post-positivism in transdisciplinary science". *Environmental Systems and Decisions*. Published on line November 2017.

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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. Brunstein 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 and Melindi Ghidi, P., 2013. "Voluntary Pooled Public Knowledge Goods and Coalition Formation", Institut de Recherches Economiques et Sociales de l'Université catholique de Louvain (IRES)

Dedeurwaerdere, T. 2008, "Building resilience through dynamic institutional efficiency. The case of forest biodiversity", Paper submitted for the 2008 IASCP conference.

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>

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Maesschalck, 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.cpdr.ucl.ac.be/docs/docTravail/dedeurwaerdere91.pdf.

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• 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 (21.03.2017).

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 (11.01.2013) (French and English versions).

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, 67 p.

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. (French and English versions).

- **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, pp 5-6.

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**

17th of May 1999 – Université catholique de Louvain – *Great Honors, Cum Laude*

Doctoral Thesis: “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**
3rd of July 1995 – Université catholique de Louvain – *Great Honors, Cum Laude*
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**
30th of June 1992 – Université catholique de Louvain – *Great Honors, Cum Laude*
- **Graduate in Polytechnical Sciences**
6th of September 1994 – Université catholique de Louvain – *Great Honors, Cum Laude*
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**
26th of June 1991 – Université catholique de Louvain – *Honors*

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)

PROFESSIONAL ACTIVITIES

• ACADEMIC POSITIONS

October 2014 – present	Professor at the University catholique de Louvain (UCL), Belgium
October 2013 – present	Senior research associate - F.R.S.-FNRS of the National Foundation for Scientific Research, Belgium
October 2003 – September 2014	Associate Professor (Lecturer) at the University catholique de Louvain (UCL), Belgium
October 2003 – September 2013	Research associate - F.R.S.-FNRS of the National Foundation for Scientific Research, Belgium

• RESEARCH POSITIONS

January 2006 – December 2010	Member of the University Research Conseil (CREC) at the UCL
October 2000 – October 2003	FNRS-UCL: Post-Doctoral Researcher

October 1999 – October 2000 UCL: Post-Doctoral Researcher

October 1995 – October 1999 FNRS-UCL: Research Fellow

• TEACHING

September 2003 – June 2019: “Séminaire de philosophie des sciences humaines”
UCL Reader: 30h [2004-2007] FILO3133 — 15h [2007-2019] FILO2940

September 2003 – June 2019: “Questions approfondies d’épistémologie des sciences humaines”
UCL Reader: 15h FILO2600.

September 2002 - June 2009: “Introduction à la philosophie des sciences : partie C, sciences humaines”
UCL Reader : 15h [2002-2008] — 22,5h [2008-2009] FILO1220.

September 2000 - June 2000 “Théorie de l’argumentation et éléments de logique”
UCL Reader: 30h DROI 1116.

• FOREIGN FELLOWSHIPS & RESEARCH STAYS

25–26 September 2017 **Montpellier (France)**

- 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)**

- Research stay with Professor Roland Scholz

6–22 December 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

11–15 December 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

6–12 October 2007 **Brunswick (Germany)**

- Deutsche Sammlung für Microorganism (DSMZ), Brunswick. Grant FNRS.

8–12 May 2006 **Duke University (USA)**

- Visiting Scholar at the Duke Law School (prof. J. Reichman & R. Cook-Deegan), Durham (NC). Grant FNRS.

16 September – 1 October 2004 **University of Massachusetts (USA)**

- Visiting Scholar at the Department of Political Science (prof. P. Haas), University of Massachusetts, Amherst (MA). Grant FNRS.

30 September–6 October 2002 **Indiana University (USA)**

- Workshop in Political Theory and Policy Analysis (prof. E. Ostrom). Grant FNRS.

15 January– 15 February 2002 **(USA)**

- 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.

1 September – 31 October 1997 **Washington University St-Louis (USA)**

- Philosophy- Neuroscience- Psychology program (prof. W. Bechtel). Grant FNRS

9 January–3 February 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 écocitoyenne 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

Centre for Philosophy of Law (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 <https://uclouvain.be/fr/instituts-recherche/juri/cpdr>)

2002 – 2006

Centre for Philosophy of Law (CPDR), UCL

- Co-organisation of the CPDR permanent workshop on "How to evaluate the normative choices of international institutions of regulation?" of the Philosophy Unit of the CPDR (prof. Marc Maesschalck and prof. A. Van de Putte) (overview of the program and the participants available at <https://uclouvain.be/fr/instituts-recherche/juri/cpdr>).
- 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

Centre for Philosophy of Law (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 (overview of the program and the workshops available at <http://www.agro-montpellier.fr/sustra/>)

• ORGANISATION OF INTERNATIONAL CONFERENCES

20–22 October 2016 : **IASC 3rd Thematic Conference on Knowledge Commons:**
 "When commons meet law and public policy", Paris (France)

<http://conferences.iasc-commons.org/index.php/iasc/3rdKnowledgeCommonsConference>

- 28–29 April 2016 : **Forum de co-création pour la transition écologique et sociale** (UCL–LPTransition)
Université catholique de Louvain - Louvain Partnership Research on Ecological and Social Transition,
Louvain-la-Neuve (Belgium) - <http://lptransition.uclouvain.be/news-events.html>
- 10–11 June 2015: "**Motivations and arguments to act for biodiversity. Alternative ways to inspire innovative policy making**". Funding FNRS and EU FP7 projects BESAFE & BIOMOT.
Brussels (Belgium) - <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 (USA)
- 24–25 March 2014 : "**Beyond economic valuation. Alternative ways to express the value of biodiversity in science and policy**". Funding EU FP7 project BIOMOT .
Brussels (Belgium) - <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 - <http://conferences.iasc-commons.org/index.php/iasc/index/schedConfs/archive>
- 30 June–1 July 2008 : "**Assessment of the economic and social impact of the public domain in Europe**"
Funding EU Communia project and FNRS.
Louvain-la-Neuve (Belgium) - <http://communia-project.eu/conf2008>
- 12–13 June 2008 : "**Microbial Commons**". Funding IAUP and FNRS
Univeristeit 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 - France).
- 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) and CNRS.
Institute for Environmental Studies, Vrije Universiteit Amsterdam (The Netherlands)
- 15–16 July 200 : "**Institutions for Providing Global Environmental Goods. Managing the uncertainty, complexity and change in the field of biodiversity and climate change**"
Université catholique de Louvain, Louvain-la-Neuve (Belgium) - <http://biogov.uclouvain.be/bioinstitut/>
- 7–8 July 2005 : "**Exploring and exploiting microbiological commons: contributions of bio-informatics and intellectual property rights in sharing biological information** ",
University foundation, Brussels - <http://biogov.uclouvain.be/bioinf/>
- 5–6 February 2004: "**Governance of biodiversity as a global public good: bioprospecting, intellectual property rights and traditional knowledge**"
Université catholique de Louvain, Louvain-la-Neuve (Belgium) - <http://biogov.uclouvain.be/IPR/>

27–28 March 2003 : Workshop SUSTRA : "**Sustainability Impact Assessment of Trade Agreements and New Approaches to Governance**", Université catholique de Louvain, Louvain-la-Neuve - http://biogov.uclouvain.be/workshops/workshop_program.php

• OTHER RESEARCH NETWORKS

From February 2005

- 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, University Paris X)

• EVALUATION COMMITTEE

28–29 January 2017 **Scientific Advisory Board (SAB) of the SMaCH Metaprogramme of INRA**, Paris.

2008 – present **EU Commission - Research evaluation:**

- DG Information Society and Media, FP7 e-infrastructure program, Project Vibrant (n261532), Project PESI (2008-2011) : reviews of 2 July 2009, 14 October 2010, 16 June 2010, 19 November 2010, 7 June 2011;
- DG Information Society and Media, FP7 e-infrastructure program, Project Vibrant (n261532): review of 31 January 2012.

2005 – present **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. Olivier De Schutter of the thesis of 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 (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. 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” (2014-2018, Phd defended on 12/10/2019)
- 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", promoters Olivier De Schutter and Philippe Baret (2012 -2017, Phd defended on 30/10/ 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, UCLouvain**
 - 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 épistémologique 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" (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).
 - Michaëlla Senek, Management of biological commons. A case study of banana collection at Bioversity International transit centre (defended 09/2007).
- **POST-DOCTORAL FELLOWS AT BIOGOV UNIT**
 - Stijn Neuteleers, Phd in Political Philosophy (Sept 2015 – June 2019)
 - 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).
- **OTHER RESEARCH FELLOWS AT BIOGOV UNIT**

- Pauline Herrero, Civil and Urban Planning Engineer (Apr 2017-Mar 2018)

- **LECTURES**

- **INTERNATIONAL SCIENTIFIC CONFERENCES (INVITED SPEAKER)**

- 12 December 2019: **Brownbag Seminar University of Bern** – Bern, Switzerland
« Transdisciplinary research in Europe » (invited speaker)
- 10 September 2019: **International Transdisciplinary conference (ITD) 2019** - Gothenburg (Sweden)
« Which research approach should I employ in my transdisciplinary research project? »
- 7 June 2018 : **Rencontre internationale “Transition énergétique et sociétale** » - Nantes (France)
« Vers une transdisciplinarité réflexive » (selected upon call for contributions)
- 12 September 2017: **International Transdisciplinary Conference ITD 2017** - Lüneburg (Germany)
"Transdisciplinary research for local climate change initiatives" (selected upon call for abstracts)
- 5 July 2017: **6th EMES International Research Conference on Social Enterprise** - Louvain-la-Neuve (Belgium)
"From platform cooperativism to social enterprise models for the sharingeconomy"
- 20 June 2017: **8th International Sustainability Transitions Conference** - Göteborg (Sweden)
"From formative scenario analysis to the design of territorial foresight for social and ecological sub-politics in climate change policy" (selected upon call for abstracts)
- 7 April 2017: **5^{ème} Colloque International du CRISES** - Université du Québec, Montreal (Canada)
"Orienter l'innovation sociétale vers une éthique de soutenabilité forte. Quels partenariats entre sciences et acteurs sociétaux ?"
- 9 December 2016: **8th Conférence méthodologique de l'IWEPS** - Namur (Belgium)
"Construire des scénarios du futur autour de villes et territoires collaboratifs : un outil d'anticipation et de transformation des préférences des acteurs",
- 28–29 April 2016: **Forum de co-création pour la transition écologique et sociale** - Louvain-la-Neuve (Bel)
"Innovation sociale et recherche partenariale"
- 10–14 August 2016: **XIV World Congress of Rural Sociology** - Ryerson University, Toronto (Canada)
"LPTransition: reflections on creating a transdisciplinary research platform for ecological and social transition in the agri-food system.",
- 30 June–3 July 2015: **11th International Conference of the European Society for Ecological Economics**
"Social network analysis of alternative local food systems in Belgium" - Leeds (United Kingdom)
- 21 May 2015: **2^{ème} Congrès interdisciplinaire du Développement durable**- Louvain-la-Neuve (Belgium)
"Social innovation: and intrinsic pillar of sustainable development", with Olivier De Schutter and Frank Moulaert
- 9 May 2014: **The Francqui International Conference** - Brussels (Belgium)
"How can social innovation and new democratic practices contribute to the transition?"

- 1 October 2013: **Biotechnology and Standards Conference - MIT** , Boston (U.S.A.)
"Microbial commons"
- 21 June 2013: **17th Annual Conference of the International Society for Institutional Economics**, Firenze (IT)
"A Theory of Voluntary Pooled Public Knowledge Goods and Coalition Formation", with
Paolo Melindi Ghidi
- 1 February 2013: **1^{er} Congrès interdisciplinaire du Développement durable** - 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.
- 29 November 2012: **Tribute to Elinor Ostrom, Utrecht University Hall** - Utrecht (NL)
"The Knowledge Commons: from historical open science to digitally integrated research
networks"
- 17 November 2011: **Global Governance Program, European University Institute** - Firenze (Italy)
"Governing International Commons: Sharing genetic and other scientific and knowledge
resources"
- 28 September 2010: **12th International BIOECON Conference 'From the Wealth of Nations to the Wealth
of Nature: Rethinking Economic Growth'** - Venice (Italy)
"Designing Global Genetic Resource Commons"
- 28 May 2010: **Conference on Reflexive Governance in the Public Interest** - Brussels (Belgium)
"Engaging with Reflexive Governance"-
- 9 October 2009: **The International Symposium on Designing Microbial Research Commons** - Washington
"Overview of the Governance Considerations for the Microbial Commons. A Framework for
Discussion"
- 12 September 2009: **ECPR General Conference** - Postdam (Germany)
"Institutional Dynamics in the Governance of Global Public Goods: A Case Study on the Microbial
Commons"
- 1 July 2009: **3rd Congress of European Microbiologists - FEMS** - Gothenburg (Sweden)
"Self-Governance and International Regulation in the Global Microbial Commons : Legal
Considerations for Researchers "
- 29 June 2009: **2nd Communia Conference – Global Science and the Economics of Knowledge-Sharing
Institutions** - Torino (Italy)
"Institutionalizing Informal Sharing of Essential Knowledge Assets in the Shadow of Property"-
- 22 June 2009: **International Symposium, IDDRI** - Nancy (France)
"Introduction to: Change in Governance as Collective Learning Process: Management, Politics and
Ethics in Forestry"
- 12 June 2009 : **Manufacturing Markets: Legal, Political and Economic Dynamics** - Florence (Italy)
"Ex Situ Collections in Microbial Research: The Contribution of Public Networks to Knowledge
Accumulation"

- 15 October 2008: **6th meeting of the Genomic Standards Consortium (GSC)** -
European Bioinformatics Institute, Hixton (UK)
"The Digital Credit Trail in Microbial and Genomics Research"
- 17 July 2008: **Science Commons satellite event to Euroscience Open Forum 2008** - Barcelona (Spain)
"Designing Microbial Research Commons"
- 15 July 2008: **International meeting of the International Association for the Study of the Commons**
- Cheltenham (UK)
"A resilience-based framework for evaluating joint forest management in Flanders"
- 26 June 2008: **International Symposium on Small-scale Rural Forest Use and Management** - Gerardmer (F)
"Evaluating Joint Forest Management in Flanders"
- 22 June 2008: **Conference on Microbial Diversity and Metagenomics** - Chalkidiki (Greece)
"Designing microbial research commons: learning from institutional policies and collaborative network technologies"
- 9 October 2007: **11th International Conference on the Culture Collections** - Goslar (Allemagne)
"Clarifying the concept of ownership in micro-organisms, associated data, and literature information"
- 7 August 2007: **IUFRO Division 6 Conference** - Saariselka (Finland)
"Building resilience through dynamic institutional efficiency. The case of forest biodiversity"
- 16 June 2007: **7th International Conference of the European Society for Ecological Economics** - Leipzig (D)
"The ecological economics of traditional knowledge"
- 11 June 2007: **Policy Instruments and Effectiveness. An Environment and Law Conference** - Finnish Environment Institute - Helsinki (Finland)
"Law and Reflexive Governance"
- 25 May 2007: **Conference on the Human Dimensions of Global Environmental Change** - Amsterdam (NL)
"Building Resilience through Dynamic Institutional Efficiency. The Case of Forest Biodiversity"
- 26 March 2007: **Committee on Data for Science and Technology** - Brussels (Belgium)
"Integrating the Microbiological Commons", Towards a European e-Infrastructure for e-Science Digital Repositories (CODATA/Science Commons).
- 21 September 2006: **7th International Conference "Human Choice and Computers (HCC7)** - Maribor (Slov.)
"Databases, Biological Information and Collective Action"
- 15 June 2006: **REFGOV conference on "Institutions for Providing Global Environmental Goods"**
Université catholique de Louvain, Louvain-la-Neuve (Belgium)
"Reflexive governance and the provision of global environmental goods"
- 9 June 2006: **International conference on "Gene patents and Clearing models"**
Katholieke Universiteit Leuven (KUL) , Leuven (Belgium)
"Reflexive governance and intellectual property rights in the bio-economy"
- 21 May 2006: **International conference on "Information, Society, Governance and Ethics"**,
Institut d'informatique, FUNDP - Namur (Belgium)
"Theory of governance for the Information Society: archeology, models and challenges".

- 23 March 2006: **IASCP Europe Regional Meeting “Building European Commons: from Open Fields to Open Source”** - Brescia (Italie)
 “The Institutional economics of sharing biological information”,
- 11 March 2006: **Conference on “Good Governance and Democracy”** - Merton College Oxford (UK).
 “From risk to governance: function and limit of the precautionary principle”
- 20-21 September 2005: **7th Annual BIOECON Conference: “Economics and the Analysis of Biology and Biodiversity”** - Kings College, Cambridge (UK)
 “The institutional economics of sharing biological information”
- 7-8 July 2005: **International conference on “Exploring the Microbiological Commons”** (FP6/IAPV) –
 University Foundation, Brussels (Belgium)
 “Intellectual property governance for microbiological commons”
- 27-28 May 2005: **International conference on GRPI** - Ecole des Mines (France)
 “Democratic governance of internet: some questions beyond self-regulation and co-regulation”
- 10-12 October 2004: **10th International Congress for Culture Collections (ICCC)** - Tsukuba (Japan)
 “Bioprospecting, intellectual property law and evolutionary economics”
- 30 September – 2 October 2004: **Meeting of the International Society for New-Institutional Economics (ISNIE)** - Tucson (USA)
 “The contribution of the emerging institutions of network governance to the provision of global common goods”
- 2-3 September 2004: **International conference on the economics of biodiversity conservation (BIOECON)**,
 Kings College - Cambridge (UK)
 “Biodiversity and intellectual property law”
- 11-14 July 2004: **Meeting of the International Society for Ecological Economics (ISEE)** - Montréal (Canada)
 “Access and benefit sharing in genetic resources”
- 9 July 2004: **Colloque international sur « Idéalisme et Phénoménologie » (GEFLF)** - Louvain-la-Neuve (B)
 “La modalisation du jugement dans la phénoménologie génétique”
- 16 March 2004: **International Conference on Environmental Governance (IDDRI)** - Paris (France)
 “Evaluating the contribution of the emerging paradigm of network governance”
- 6 February 2004: **International Conference “Governance of Biodiversity as a global public good”**
 Louvain-la-Neuve (Belgium)
 “Biodiversity and Intellectual Property Law: The Stake of a Theory of Reflexive Governance”
- 28-29 August 2003: **International Conference on "Economic Analysis of Policies for Biodiversity Conservation" (BIOECON)** - Venice (Italy)
 “Bioprospection. From the economics of contracts to Reflexive Governance”
- 3-5 October 2002: **Colloque international "Action, Attitudes et Décisions"**,
 Université du Québec - Trois-Rivières (Canada)
 “Du fonctionnalisme à la modélisation contextuelle. Les conséquences d’une prise en compte de l’action dans les sciences cognitives”

27 August 2002: **IFIP World Computer Congress** - Montreal (Canada)

"From State Regulation towards Reflexive Self-Regulation of the Information Society"

27-28 June 2002: **Colloque international sur la phénoménologie fichtéenne (GEFLF)**,

Université d'Aix-en-Provence (France)

"De la structure d'éveil au pouvoir d'inférence"

- **INTERNATIONAL RESEARCH SEMINARS (INVITED SPEAKER)**

1 October 2019: **Workshop on research for social innovation – Cercle de Wallonie** - Namur (Belgium)

« Recherches transdisciplinaires : convergences et impact sur l'innovation sociale » (invited speaker)

1 March 2018: international workshop on "**Sourcing while respecting biodiversity**" - Brussels (Belgium)

"Political governance in terms of biodiversity in the production country"

23 November 2017: **2^{ème} Rencontre de l'Impact Social (RIS2)** - Brussels (Belgium)

"Orienter l'innovation sociétale vers la transition écologique et sociale"

20 November 2017: **Séminaire Changements environnementaux et société**, Université de Paris Saclay (FR)

"Pour une coévolution des approches scientifiques, des valeurs et des capacités de transformation sociétale".

15-16 December 2016 : **2^{ème} Séminaire REPASTOL** - 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"

1-2 December 2016: **Seminar on "The Nature of Our Biophilic Universe"**, Interdisciplinary workshop in

honour of Monseigneur Georges Lemaître - Academia Belgica , Rome (Italy)

"Coupled human and environmental systems in the sciences of the Anthropocene"

2-3 February 2016: **ResourceLab Workshop 3: Scales and spaces of common resources governance: between village commons and global commons** - Cully (Switzerland)

"The role of internal motivations in the governance of natural resource commons"

6 February 2015: **International seminar "Gérer la santé des plantes comme un bien commun"**,

Institut National de Recherche Agronomique (INRA) - Paris (France)

"La transition vers des systèmes durables par l'innovation sociale: biens communs et recherche transdisciplinaire"

9 October 2014: **Seminar on Ecosystemic Services**, Maison Européenne des Sciences de l'Homme et de la

Société (MESHS) - Lille (France) : "Réinventer l'économie des écosystèmes : pour une approche transdisciplinaire de la transition écologique"

3 April 2014: **Séminaire Dominique Méda** - Paris (France)

"Quels acteurs et quelles sciences pour la transition écologique?"

27 June 2012: **ABS Workshop** - Ministry for Food, Agriculture and Consumer Protection - 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"

14 June 2009 **Terra Genome Workshop** - Uppsala (Sweden)

"Legal Aspects of Soil Metagenomics"

- 23 April 2009: **Workshop on Reflexive Governance and Empirical Research** - Dublin (Ireland)
 "Engaging with Reflexive Governance"
- 17 October 2009: **Seminar on Policies and Arrangements for Access and Benefit-Sharing for Genetic Resources for Food and Agriculture** - Rome (Italy)
 "Policies for Access and Benefit-Sharing for Microbial Genetic Resources"
- 12 October 2007: **26th annual meeting ECCO** - Goslar (Germany)
 "Stakeholder experimentation with open access tools for integrating data, literature and material in the WFCC community".
- 26 March 2007: **Towards a European E-Infrastructure For E-Science Digital Repositories** - Brussels (Belgium)
 "Integrating the microbial commons".
- 21 October 2006: **Creating Digital Information Commons for Science : A Workshop of the Committee on Data for Science and Technology (CODATA)** - Beijing (China)
 "The Microbiological Commons"
- 15 September 2006: **Developing Information Commons for Science In Europe** - Brussels (Belgium)
 "Microbiological Commons Project"
- 18 May 2006: **International Seminar ESNIE** - Institut d'études scientifiques, Cargèse (France)
 "Global Governance: the Economics of the Exploration, Provision and Diffusion of Global Public Goods "
- 23 November 2005: **Colloquium series of the Department of Land Economy** - University of Cambridge (UK)
 «Dynamic economic efficiency in endogenous growth theory»
- 5 October 2005: **International Research Seminar MOSAICS** - Bruxelles (Belgium)
 « Concept of "Bundle of Rights" »
- February 2005: **Symposium on the role of BRC in the ABS Problematic (FIRDI, BCCM)** ,
 Food Industry Research and Development Institute - Hsinchu (Taiwan)
 "The Bundle of Rights on Microbial Resources"
- 22 Novembre 2004: **Seminar GPRI** - Ecole des Mines, Paris (France)
 "Vers une redéfinition des modes d'organisation politique ? "
- 19 October 2004: **Séminaire développement durable et économie de l'environnement** - IDDRI , Paris (FR)
 "Gouvernance internationale de la biodiversité: des politiques incitatives à la gouvernance en réseau"
- 13 October 2004: **The UNU-IAS Roundtable on User Measures** - United Nations University - IAS (Japan)
 "The economic Rationale for User Measures"
- 27 September 2004: Department of Political Science and Political Economy Research Institute,
 University of Massachusetts, Amherst (USA)
 "Biodiversity and democratic governance"
- 18 December 2003: **Séminaire du Réseau Régional de Recherche en Ethique**
 Université catholique de Lille (France)
 "Gouvernance réflexive et éthique environnementale"

28 August 2002: Département de Philosophie de l'Université du Québec, Montréal (Canada)
"Action et contexte: du tournant cognitiviste à la phénoménologie"

12 February 2002: **Workshop in Political Theory and Policy Analysis** - Indiana University (USA)
"Biological diversity protection and self-regulation of local communities, some Implications of a reflexive Institutional Approach"

30 January 2002: **Rockefeller Center's Human Dimensions of Environmental Policy Faculty Workshop**,
Dartmouth College NH (USA)
"Institutional framing of self-regulation: exploring incentive schemes of co-management".

28 January 2002: Environmental Science Department, Dartmouth College NH (USA)
"Biological Diversity and indigenous communities: local knowledge versus local development"

3 October 1997: Program in philosophy, neuroscience and psychology
Washington University in St .Louis, MO (USA)
"Perceptual experience of the world: Husserl's theory of perception and cognitive science"

- **NATIONAL RESEARCH SEMINARS (INVITED SPEAKER)**

20 February 2019: **Workshop of the « Education, Culture, Cognition & Society »**
Research Unit, University of Luxembourg (Grand-Duché du Luxembourg)
« Orienter l'innovation sociale vers une éthique de soutenabilité forte »

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

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

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

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

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

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

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

24 February 2005: **Seminar "Raison technique, raison éthique et gouvernance démocratique"**,
Institut d'Informatique, FUNDP, Namur (Belgium)
Introduction to the seminar : "La gouvernance – archéologie, enjeux et modalités"

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

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

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

25 November 1999: **Séminaire de troisième cycle en philosophie contemporaine**, Institut Supérieur de Philosophie, Université catholique de Louvain, Louvain-La-Neuve (Belgium)
"Les limitations de la modélisation de l'intelligence du point de vue des sciences cognitives contemporaines"

5 February 1999: **Séance introductive du séminaire de troisième cycle en philosophie des sciences**, Institut Supérieur de Philosophie, Université catholique de Louvain, Louvain-La-Neuve (Belgium)
"Le concept de modèle chez Frederick Suppe, Bas van Fraassen et Mario Bunge"

• TRAINING COURSES

9-10 July 2008 Nice (France)
• EU training network on Democracy and Knowledge

21 June 2008 AgroParisTech-ENGREF - Nancy (France)
• Research Training Workshop on Systems Analysis as Applied to Forest Policy and Management Issues
