



Project Acronym: **CATALYST**
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D1.1 Initial Ethics Report

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The CATALYST project consortium is composed of:

SO	Sigma Orionis	France
I4P	Imagination for People	France
OU	The Open University	United Kingdom
UZH	University of Zurich	Switzerland
EN	Euclid Network	United Kingdom
CSCP	Collaborating Centre on Sustainable Consumption and Production	Germany
Purpose	Purpose Europe	United Kingdom
Wikitalia	Wikitalia	Italy

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Revision control

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0.6	Rosa Groezinger (CSCP)	February 03, 2014	Updates
1.0	Stéphanie Albiéro (Sigma Orionis)	February 10, 2014	Final version

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Executive summary

The present document is a deliverable of the CATALYST project, funded by the European Commission's Directorate-General for Communications Networks, Content & Technology (DG CONNECT), under the 7th EU Framework Programme for Research and Technological Development (FP7).

It details the efforts done by the project partners to conform to the requirements detailed in the project "Ethics review report" prepared by the European Commission during the project negotiation phase.

It has not been possible for most project partners to "get approvals/opinions by the competent legal local/national Ethics Boards/Bodies" since, when contacted, these Authorities informed project partners that their mission did not include the scrutiny of such research projects. It was however possible for the two academic partners to get approvals from their own Ethics Board/Bodies. The other partners have prepared commitment letters.

An external ethics advisor has been nominated and will prepare with a check-list on data management procedures to take into account in research activities and make a thorough assessment of project research at its mid-term.

Introduction

During the negotiation phase of the CATALYST project, an “Ethics review report” prepared by European Commission’s services was sent to the coordinator by the Project Officer supervising the negotiation process. This report included a set of requirements that have led to include an “Ethical issues” sub-task into project Task 1.2: Quality assessment, reporting, and consortium meetings (in WP1: Project management).

This sub-task, under the responsibility of the project coordinator, is specified as follows in the project “Description of work”:

ETHICAL ISSUES

Prior to the commencement of research and where applicable, copies of ethical approvals/opinions by the competent legal local/national Ethics Boards/Bodies will be submitted to the European Commission and reported as a deliverable. These approvals will cover transfer of data between partners and any third parties.

When submitting the application for scrutiny to the competent local/national ethical boards/bodies for authorization, detailed information will be provided on: the procedures that will be used for the recruitment of participants; as field tests will be implemented, the applicants will detail how they will mitigate the risk of minors being accidentally enrolled within the participants’ panel. Detailed information will be provided on the procedures and documentation surrounding informed consent and assent for minors for each category of research activity. Applicants will obtain instructions from their institution’s data controller as described in Article 29 1/2010 Opinion. The technical data protection procedures that will be implemented in the project will be detailed. These instructions will demonstrate compliance of the data protection processes with the European legal framework. Copies of these instructions will be forwarded to the European Commission prior to the commencement of the related studies. If instructed by the data controller of their institution, applicants will consider obtaining approvals/opinions/notifications from their national data protection authorities for the proposed data collection and processing.

Since, during the lifetime of the project the revised Directive 95/46/EC on Data Protection and Privacy may come into force, the applicant will then take this into account to ensure continuing compliance. Applicants will provide a detailed description of security measures that will be implemented to prevent improper use, improper data disclosure scenarios “mission creep” (i.e. unforeseen usage of data by any third party).

An external, independent Ethics Advisor will be appointed to oversee the ethical concerns in this project.

In order to report into detail on the way ethical issues are addressed by the project, a first specific Deliverable, dedicated to ethical issues to be addressed by the project during its early period will be produced at month 3. Then, a specific section on ethical issues will be added to each project periodic report and will include in particular a report by the Ethics Advisor.

The present document is the project deliverable planned at project month 3 (December 2013).

National ethical reviews

At the start of the Catalyst project, in order to comply with the EC requirements stated above, the partners had to contact their relevant national Data Protection Authorities to ensure that the research activities carried out under the project comply with the data protection legislation in force. These Authorities, and the related Acts or Decrees related to data protection are, in each of the countries where project partners are established:

- **France:** The Commission Nationale de l'Informatique et des Libertés (CNIL) (See reference 3) and the Data Protection Act of 1978 (revised in 2004) (See Reference 4)
- **United Kingdom:** The Office of the Information Commissioner Executive Department (See reference 1) and the Data Protection Act 1998 (See reference 2)
- **Germany:** Der Bundesbeauftragte für den Datenschutz und die Informationsfreiheit (See reference 5) and the Federal Data Protection Act of 2001 (See reference 6)
- **Switzerland:** The Swiss Federal Data Protection and Information Commissioner (DPIC) and the Federal Act of 19 June 1992 on Data Protection (FADP) (See references 7 & 8)
- **Italy:** the Italian Data Protection Authority (See reference 9) and the Legislative Decree no. 196 of 30 June 2003 (See reference 10)

Before contacting these Authorities, the partners agreed to elaborate a reference document, describing the project research activities and the procedures regarding data protection or the recruitment of participants, and to be used by all partners when submitting the project description to their national ethical board for review. This document (adapted by each partner whenever needed to meet its national legislation framework requirements) being strictly confidential is not available in this public version of the report.

France (Sigma Orionis & Imagination for People)

Sigma and Imagination for People tried to get approval and recommendations from the French CNIL, but this Authority informed the project partners their mission does not include the scrutiny of research projects. Then CERNA, a Review Commission working on ethical aspects for digital sciences and technologies research activities (See reference 11) was contacted but answered they could not provide any approval for projects such as CATALYST.

In this context, Sigma and Imagination for people decided to prepare the commitment letters reproduced in Annexes 6 & 7.

United Kingdom (The Open University, Purpose and Euclid Network)

The Open University had not to go through a national body since the University includes The Human Research Ethics Committee (HREC) whose remit is to advise on ethical considerations relating to any research which involves investigations with humans or human materials, to scrutinize and give approval where appropriate to research carried out by and for the Open University and to make recommendations to the Open University's Research Committee. The Committee comprises a panel of reviewers, who follow guidelines within the relevant framework of both UK and European law.

The application form submitted by the OU research team to the HREC contained a short description of the Catalyst project and gave an overview of the data processing and analysis to be carried out within the frames of the project development. The Catalyst project ethics application for the Open University has been approved by the HREC (see Annex 2).

It was not possible for Purpose and Euclid Network to receive an approval from the Local Research Ethics Committee (LREC) or the National Research Ethics Service (NRES), the two main UK bodies able to provide ethical review for protecting the rights, safety,

dignity and well-being of research participants, since the Catalyst project is not related to medicine. They then tried to get an approval from OU HREC, in a joint-application with the Open University. Unfortunately, the HREC refused to scrutinize their application, as (1) they are not academic bodies and (2) the project coordinator, Sigma Orionis, is based in France.

In this context, Purpose and Euclid Network decided to prepare the commitment letters reproduced in Annexes 4 & 5.

Switzerland (University of Zurich)

The Human Subjects Committee of the Faculty of Economics, Business Administration and Information Technology governs ethical Review in the University of Zurich under the auspices of the University. The University of Zurich and all its researchers are governed by the law of the country, including the Privacy and Data Protection law which is similar in content to existing legislation in EU countries.

A formal request has been sent to the University's Human Subject Committee, which, after scrutinizing the DoW, has approved the procedures and protocols that will be implemented to conduct the experiments involving human subjects in the Catalyst project (see Annex 3).

Germany (CSCP)

CSCP talked to a representative of the National Data Protection Agency but the representative declined responsibility for approving the project. However, the National DPA advised CSCP to get in contact with the Regional DPA, but here also, their representatives declined responsibility. After being rejected by the two authorities, CSCP contacted the data protection contact persons in the surrounding universities, but as CSCP is not belonging to these institutions in any way, all of them declined responsibility on such matters. Finally, in this context, CSCP prepared the document letter reproduced in Annex 8.

Italy (Wikitalia)

As all the above-mentioned partners, Wikitalia has failed to find a local/national Authority that could validate the Catalyst research project. Prior to the submission of this report, Wikitalia had the chance to interact with the Autorità Garante della Privacy located in Roma, as a mean of acquiring additional information and insights associated with the ethical approvals needed prior to the commencement of project research activities. However, the Authority declined responsibility for approving FP7 research plans. Assistance as been asked to the EC representation in Roma which suggested in return to get back to the Catalyst Project Officer for further assistance...

In this context, Wikitalia decided to prepare the commitment letter reproduced in Annex 9.

Independent external ethics advisor

After having considered several options, the CATALYST consortium decided to contact and contract Jean-Gabriel Ganascia (See Annex 10), member of the CERNA, the COMETS (See reference 13) and the Onlife Initiative (See reference 14).

His mission will be to analyze the research undertaken by CATALYST partners during the 1st project period (from month 1 to month 12) on the basis of project deliverables released to date and of his participation in the mid-term consortium meeting which will allow him to interact in detail with each partner and request any further details he may need. His conclusions and recommendations will be thoroughly reported in a document to be prepared before the end of month 13, the project partners being committed to take due consideration of these conclusions and recommendations to drive project developments during the second project period (including those to be done by the community platforms to be selected through the project open call).

Moreover, the Ethics Advisor will prepare and provide the consortium with a check-list on data management procedures that each partner will need to take into account while undertaking the research activities. This list will be reported in the document prepared before the end of month 13.

A total of 4000€ of sub-contracting is included under WP1 to cover the expenses by the Ethics advisor (travel & subsistence and per diems).

References

1. <http://www.ico.org.uk>
2. <http://www.legislation.gov.uk/ukpga/1998/29/contents>
3. <http://www.cnil.fr>
4. <http://www.cnil.fr/documentation/textes-fondateurs/loi78-17/>
5. http://www.bfdi.bund.de/EN/Home/homepage_node.html
6. http://www.bfdi.bund.de/EN/DataProtectionActs/DataProtectionActs_node.html
7. <http://www.edoeb.admin.ch/index.html?lang=en>
8. http://www.admin.ch/ch/e/rs/c235_1.html
9. http://www.garanteprivacy.it/web/guest/home_en
10. http://www.garanteprivacy.it/home_en/italian-legislation#1
11. <http://cerna-ethics-allistene.org/>
12. <http://www.cnrs.fr/comets/>
13. <http://ec.europa.eu/digital-agenda/en/onlife-initiative>

Annex 1 – Reference document

(Not available in this public online version)

Annex 2 – CATALYST ethics approval (OU)



The Open University

From Dr Duncan Banks
Chair, The Open University Human Research Ethics Committee
Email duncan.banks@open.ac.uk
Extension 59198
To Keyur Dave and Anna DeLiddo, KMi
Subject *"Collective Intelligence Analytics for Social Innovation"*
Ref HREC/2014/AMS-67404/Dave/1
Submitted 8 January 2014
Date 8 January 2014

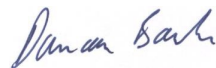
Memorandum

This memorandum is to confirm that the research protocol for the above-named research project, as submitted for ethics review, has been given a favourable opinion by the Open University Human Research Ethics Committee by Chair's action as it is thought to be low risk.

Please make sure that any question(s) relating to your application and approval are sent to Research-REC-Review@open.ac.uk quoting the HREC or AMS reference number. We will endeavour to respond as quickly as possible so that your research is not delayed in any way.

At the conclusion of your project, by the date that you stated in your application, the Committee would like to receive a summary report on the progress of this project, any ethical issues that have arisen and how they have been dealt with.

Regards,



Dr Duncan Banks
Chair OU HREC

The Open University is incorporated by Royal Charter (number RC 000391), an exempt charity in England & Wales and a charity registered in Scotland (number SC 038302)

HREC_2013-AMS#60238-Stiver-1-approval-chairs-action

Annex 3 – CATALYST ethics approval (University of Zurich)



**University of
Zurich** ^{UZH}

Human Subjects Committee of the
Faculty of Economics, Business Administration,
and Information Technology

Department of Economics

University of Zurich
Blümlisalpstrasse 10
CH-8006 Zurich
Phone +41 (0)44 634 37 01
Fax +41 (0)44 634 49 07
www.econ.uzh.ch

To whom it may concern

Prof. Dr. Ernst Fehr
Head of Human Subjects Committee
Phone +41 (0)44 634 37 01
Fax +41 (0)44 634 49 07
ernst.fehr@econ.uzh.ch

Zurich, December 13, 2013

Authorization of research project “CATALYST: Collective Applied Intelligence and Analytics for Social Innovation”

The Human Subjects Committee of the Faculty of Economics, Business Administration and Information Technology at the University of Zurich authorizes the research described in the experiment proposal “CATALYST: Collective Applied Intelligence and Analytics for Social Innovation”.

Specifically, we have reviewed the information regarding the procedures and protocols that will be implemented to conduct the experiments involving human subjects. We confirm that they comply with all applicable regulations.

We therefore approve the planned research outlined in the proposal.

Yours sincerely,



Prof. Dr. Ernst Fehr
Head of the Human Subjects Committee

Annex 4 – Commitment letter (Euclid Network)



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8 All Saints Street
London N1 9RL
T: +44 (0) 20 7280 4987
F: +44 (0) 20 7280 4989
E: info@euclidnetwork.eu
www.euclidnetwork.eu


Dear Sir/Madam,

Re: CATALYST Ethics Approval

I can confirm that Euclid Network commits to fully comply with the European Commission's ethical requirements listed in the CATALYST Grant Agreement. I can also confirm the EN's work does not involve any of ethical issues outlined in the CATALYST DOW. Furthermore, Euclid Network commits to respect the general declaration on ethics approval as submitted by the Open University.

Unfortunately, despite our best efforts we have been unable to get ethics approval as of yet. This is down to the fact that Euclid Network is not an academic body and there are no external regional or national ethics boards in the United Kingdom that grant approval.

Euclid Network will therefore comply with all general provisions that all other partners of the consortium are subject to.


Euclid Network
8 All Saints Street
London N1 9RL
United Kingdom

Stephen Barnett
Executive Director

Annex 5 – Commitment letter (Purpose)



6 January 2014

Dear Sir or Madam,

I am writing to confirm that Purpose commits to fully comply with the European Commission's ethical requirements listed in the CATALYST Grant Agreement. I can also confirm that Purpose's work does not involve any of ethical issues outlined in the CATALYST DOW. Furthermore, Purpose commits to respect the general declaration on ethics approval as submitted by the Open University.

Unfortunately, despite our best efforts we have been unable to get ethics approval as of yet. This is due to the fact that Purpose is not an academic body and there are no external regional or national ethics boards in the United Kingdom that grant approval for this sort of endeavor.

Purpose will therefore comply with all general provisions that all other partners of the CATALYST Consortium are subject to.

Best Regards,



Lee-Sean HUANG
Strategist/Designer
CATALYST Project Contact
leesean@purpose.com

PURPOSE LONDON
Hub Westminster
1st Floor, New Zealand House
80 Haymarket, London SW1Y 1UK

PURPOSE HEADQUARTERS
115 Fifth Avenue, 6th Floor
New York, NY 10003 USA

Annex 6 – Commitment letter (Sigma Orionis)



To whom it may concern

Sophia Antipolis, 29 January 2014

Objet : CATALYST Ethics approval

Dear Sir or Madam,

I am writing to confirm that Sigma Orionis commits to fully comply with the European Commission's ethical requirements listed in the CATALYST Grant Agreement.

Sigma Orionis confirms that none of the concerns detailed in the FP7 ethical issues checklist (<http://ftp.cordis.europa.eu/pub/fp7/docs/ethical-issues-table-annex4.pdf>) applies to CATALYST or to our work.

Sigma Orionis commits to respect the general declaration on ethics approval as submitted by the Open University.

Unfortunately, despite our best efforts we have been unable to get ethics approval as of yet. As a non academic body Sigma Orionis do not has access to an external regional or national ethics boards in France that grant approval for this sort of endeavor.

Sigma Orionis will therefore comply with all general provisions that all other partners of the CATALYST Consortium are subject to.

Best Regards,



Roger Torrenti
Chief Executive Officer

Société anonyme au capital de 150 000 euros
NAF 7112 B - SIRET: 330 023 425 00029 - TVA: FR 17 330 023 425

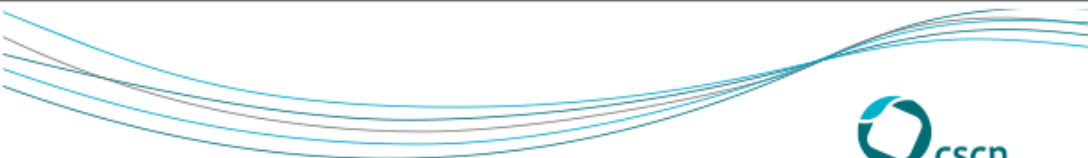
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Annex 7 – Commitment letter (Imagination for People)



Annex 8 – Commitment letter (CSCP)




COLLABORATING CENTRE ON SUSTAINABLE
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CSCP - Hagenauer Straße 30 - 42107 Wuppertal - Germany

Wuppertal, January 30, 2014

Catalyst Ethics Approval

To whom it may concern


The Collaborating Centre on Sustainable Consumption and Production (CSCP) commits to respecting the European Commission's ethical guidelines for research, and specifically the FP7 guidelines for ICT research (<ftp://ftp.cordis.europa.eu/pub/fp7/docs/guidelines-annex5ict.pdf>)

The CSCP agrees to and commits to respecting the relevant of the (attached and validated) Open University ethics declaration.

The CSCP confirms that none of the concerns detailed in the FP7 ethical issues checklist (<ftp://ftp.cordis.europa.eu/pub/fp7/docs/ethical-issues-table-annex4.pdf>) apply to CATALYST.

The CSCP reports that it did seek validation of the CATALYST research project at the national level. However, the Federal Commissioner for Data Protection and Freedom of Information and the North Rhine-Westphalia Commissioner for Data Protection and Freedom of Information declined responsibility for approving FP7 research plans.

With kind regards,



Michael Kuhndt
Director CSCP

Collaborating Centre on Sustainable Consumption and Production gGmbH (CSCP)
Registered at the Amtsgericht Wuppertal, Register No.: HRB 20060, USt.-ID Nr./VAT ID No.: DE 250 910 282
Managing Director: Michael Kuhndt

Annex 9 – Commitment letter (Wikitalia)



To whom it may concern

Roma, 23/12/2013

- Wikitalia commits to respecting the European Commission's ethical guidelines for research, and specifically the FP7 guidelines for ICT research (<ftp://ftp.cordis.europa.eu/pub/fp7/docs/guidelines-annex5ict.pdf>)
- Wikitalia agrees to and commits to respecting the relevant of the (attached and validated) Open University ethics declaration.
- Wikitalia confirms that none of the concerns detailed in the FP7 ethical issues checklist (<ftp://ftp.cordis.europa.eu/pub/fp7/docs/ethical-issues-table-annex4.pdf>) apply to CATALYST.
- Wikitalia reports that it did seek validation of the CATALYST research project at the national level. However, the Autorità Garante della Privacy declined responsibility for approving FP7 research plans. We asked for assistance to the European Commission's own representation in Rome, but they could not help directly and suggested to get back to the project officer in Brussels.

We await clear instructions as to how to proceed.

Best regards

**Associazione
WIKITALIA**
*President and Legal Representative
Riccardo Luna*



Sede Legale – Via dei Barbieri, 6 – 00186 Roma – Codice Fiscale: 97679570586

Annex 10 – CV of the external independent ethical advisor

CURRICULUM VITAE

Last Name: GANASCIA, **First Name:** Jean-Gabriel

Date and place of birth: April 5, 1955, Limoges, France

Family Status: married, one child

Employment Status: Professor (Outstanding class - *classe exceptionnelle*), University Pierre and Marie Curie, laboratory LIP6 (UMR 7606)

Employment history

- *November 1988 – now:* university Paris VI professor, (first class professor since December 1993, exceptional class professor since 2010)
- *February 1987 – October 1988:* University Paris XI – Orsay, Associate Professor ('Maître de conférence')
- *December 1983 – June 1986:* consultant for GSI – Général de Service Informatique
- *December 1982 – February 1987:* University Paris XI – Orsay, Assistant Professor
- *September 1981 – September 1982:* consultant for the Schlumberger Company
- *September 1980 – December 1982:* CNRS fellowships

Qualifications

- Paris South University Paris XI - Orsay Thèse d'état (Habilitation) with honours
- Paris South University Paris XI - Orsay Thèse de docteur ingénieur (PhD thesis) with honours
- Paris VI university (University Pierre et Marie Curie) DEA (master of Science) in Artificial Intelligence and Pattern Recognition with honours (mention très bien) (1980)
- Paris I university (University Panthéon - Sorbonne) Licence de philosophie (Bachelor in philosophy: third year degree - 1980) and maîtrise (fourth year degree 1980)
- Paris VI university (University Pierre et Marie Curie) DEA (master of science) in theoretical acoustics with honours (mention très bien) (1979)
- Paris South University Paris XI - Orsay University degrees in physics (maîtrise de physique) (thermodynamics and optics) (1978)
- Ecole Supérieure d'Optique - Orsay (IOTA - Paris South University - Paris XI) Diploma (1978)
- Baccalauréat C - with honours (1973)

National and International Influence

- Chairman of a Committee of the "Conseil Scientifique de la Défense" (French Ministry of Defense) on the *Renewal of Artificial Intelligence*
- Member of the Scientific Board of the *Observatory of the Memory*
- ECCAI fellow (cf. <http://www.eccai.org/fellow.php>)
- Member of the "Concept Reengineering" Working Group (European Commission)
- Member of the CERNA (Ethical Committee of Allistene)
- Member of the COMETS (Ethical Committee of the CNRS) since July 2011
- Member of the scientific committee of the Institut des Sciences de l'Homme (Lyon)

- Member of the scientific committee of the Jean Nicod conference (cognitive philosophy)
- Member of the scientific committee of the European Observatory of Plurilinguism
- Member of the administrative board of if:lire (institute for the future of the reading)
- Member of the administrative board of the MURS (Mouvement Universel pour la Responsabilité Scientifique) (2004 – now)
- During the past, I was member of many journal scientific committees (editorial board of La recherche, International Journal of Man-Machine Studies, Revue d'Intelligence Artificielle, READ, Hermes-Science publishing company), member of many national and international conference scientific committee (ECML, ECAI, DAWAK, PKDD, IACAP, ECG etc.), member of the scientific committee of organisms and companies, where I acted as a computer scientist and as a specialist of artificial intelligence.
- In addition, during my career, I have been involved in different European programs (ECOLE, BRA, VITAL, CHIPS) and I got grants from many French scientific institutions (CNRS, ANR, ...). I was also referee for the European community, especially for the two Inductive Logic Programming programs, for the XPERO program (FET), for the PD-NET program (FET), and for the European Science Foundation (LOGICC program), etc.
- I was also member of many national scientific committees, e.g. Vox Internet II (2005-2009), Société de l'information (2001-2005), ANR science & society, etc.
- External examiner of the Aberdeen master of sciences in applied artificial intelligence for a period of five years between 1991 and 1996

Recent Invitations to give talks in Foreign Universities

- Invited Speaker to the IEEE IASTA symposium, June 2013, Toronto, Canada.
- Invitation to give a talk on the theme: "The Philosophy of Information: Its Theory and Practice in a Globalised World", to be held as part of the XXIII World Congress of Philosophy, "Philosophy as Inquiry and Way of Life", which will take place in Athens, August 4-10, 2013.
- Invitation to participate on a plenary panel session to be held as part of the AISB/IACAP World Congress, in Birmingham (UK), July 2012
- Invitation to give a talk in Leuven (Belgium), preparatory phase of the Flemish CLARIN project Center for Computational Linguistics, 19th December 2011.
- Invitation to give a talk at the University of Constantine (Algeria), 10 may 2011.
- Invitation to participate to the EU Workshop on Integrating ethical reflection in research projects, LEGIT – Laboratory for ethical governance of information technology, 27 of October 2011, Namur, Belgium.
- Invitation to give a talk at *Humain being in an Inhuman Age* symposium, Hannah Arendt Center for Ethical and Political Thinking, Bard college, Kingston, USA, 22-23 October 2010.
- Invitation to give a talk at the NSF/JSMF Workshop on *Mapping the History and Philosophy of Science*, organizer Katy Börner and Colin Allen, Indiana University, Bloomington, USA, 17-18 June 2009
- Invitation to give a talk at the Mauritius University, Mauritius, 13th May 2009.

Scientific Animation

- Deputy director of the Labex OBVIL since its creation, March 2012. - The Labex OBVIL is a new interdisciplinary laboratory funded by the French government. It makes computer scientists of UPMC and literary teams of the Sorbonne collaborate on the emerging field of Digital Humanities.
- September 2010 – now: responsible of the Erasmus Mundus master Data Mining and Knowledge Management for the University Pierre et Marie Curie (cf. <http://em-dmkm.eu>)
- April 1995 – October 2000: head of the “Cognitive Science” Scientific Interest Group (Ministry of research, INRIA, CEA, INRETS and CNRS)
- January 1993 – February 1994: head of the “Cognitive science” PRC (Programme de Recherches Coordonnées) (Ministry of research)
- December 1992 – 2004: head of DEA IARFA (doctoral program - Artificial Intelligence, Pattern Recognition and Applications) (it was one of the biggest DEA in France, with an average of more than 50 diploma per year)
- November 1988 – April 1992: member of the CNRS central administration, in charge of the computer science domain
- November 1988 – now: head of the ACASA team in the LIP6 laboratory (from 5 to 15 members)

Current grants

- ALCATEL – two grants 30k€ each
- PEPS (Projet Exploratoire Premier Soutien) Phoebus – Projet Hypertextuel 60k€
- iManga – grant investissement d’avenir 136k€
- LOCUPLETO – grant investissement d’avenir 193k€
- Ethicaa – ANR grant (Ethic of Artificial Agents) 150k€

Knowledge Diffusion

During my career, and in addition to my scientific and teaching activities, I contributed to the diffusion of scientific knowledge through the publication of a number of books, journal papers, conferences, etc. Among them, here are few illustrations:

Chapouthier G., Ganascia J.-G., Naccache L., Picq P., *Que reste-t-il du propre de l'homme?*, Les Presses de l'ENSTA, 2012.
 Ganascia J.-G., *Idées reçues sur l'intelligence artificielle*, Le cavalier bleu, 2007
 Ganascia J.-G., *Les sciences cognitives*, Editions le pommier, 2006 (en français, traduit en grec et en coréen)
 Serres M., Farouky N., *Trésor des sciences* - Flammarion 1997. Dictionnaire des sciences. Ouvrage collectif dirigé par Michel Serres et Nayla Farouky. (traduit en allemand)
 Ganascia J.-G.- *L'intelligence artificielle*.- Flammarion (Collection Dominos), 1993 (en français, ce livre a été traduit en italien, espagnol et portugais)
 Ganascia J.-G.- *L'Ame Machine*.- Editions du Seuil, Collection Sciences Ouvertes, 1990
 Ganascia J.-G., "Science x.0", paru dans *Plaidoyer pour réconcilier les sciences et la culture*, ouvrage écrit sous la direction de Claudie Haigneré, co-édition Universcience et le Pommier, collection Le Collège, pp. 182-204, 2010.
 Ganascia J.-G. : "L'expérimentation in silico est-elle une forme d'expérimentation mentale", Science et Avenir (hors série sur expériences de pensées), vol. 153, 2008

- Member of the scientific committee of the Jean Nicod conference (cognitive philosophy)
- Member of the scientific committee of the European Observatory of Plurilinguism
- Member of the administrative board of if:lire (institute for the future of the reading)
- Member of the administrative board of the MURS (Mouvement Universel pour la Responsabilité Scientifique) (2004 – now)
- During the past, I was member of many journal scientific committees (editorial board of La recherche, International Journal of Man-Machine Studies, Revue d'Intelligence Artificielle, READ, Hermes-Science publishing company), member of many national and international conference scientific committee (ECML, ECAI, DAWAK, PKDD, IACAP, ECG etc.), member of the scientific committee of organisms and companies, where I acted as a computer scientist and as a specialist of artificial intelligence.
- In addition, during my career, I have been involved in different European programs (ECOLE, BRA, VITAL, CHIPS) and I got grants from many French scientific institutions (CNRS, ANR, ...). I was also referee for the European community, especially for the two Inductive Logic Programming programs, for the XPERO program (FET), for the PD-NET program (FET), and for the European Science Foundation (LOGICC program), etc.
- I was also member of many national scientific committees, e.g. Vox Internet II (2005-2009), Société de l'information (2001-2005), ANR science & society, etc.
- External examiner of the Aberdeen master of sciences in applied artificial intelligence for a period of five years between 1991 and 1996

Recent Invitations to give talks in Foreign Universities

- Invited Speaker to the IEEE IASTA symposium, June 2013, Toronto, Canada.
- Invitation to give a talk on the theme: "The Philosophy of Information: Its Theory and Practice in a Globalised World", to be held as part of the XXIII World Congress of Philosophy, "Philosophy as Inquiry and Way of Life", which will take place in Athens, August 4-10, 2013.
- Invitation to participate on a plenary panel session to be held as part of the AISB/IACAP World Congress, in Birmingham (UK), July 2012
- Invitation to give a talk in Leuven (Belgium), preparatory phase of the Flemish CLARIN project Center for Computational Linguistics, 19th December 2011.
- Invitation to give a talk at the University of Constantine (Algeria), 10 may 2011.
- Invitation to participate to the EU Workshop on Integrating ethical reflection in research projects, LEGIT – Laboratory for ethical governance of information technology, 27 of October 2011, Namur, Belgium.
- Invitation to give a talk at *Humain being in an Inhuman Age* symposium, Hannah Arendt Center for Ethical and Political Thinking, Bard college, Kingston, USA, 22-23 October 2010.
- Invitation to give a talk at the NSF/JSMF Workshop on *Mapping the History and Philosophy of Science*, organizer Katy Börner and Colin Allen, Indiana University, Bloomington, USA, 17-18 June 2009
- Invitation to give a talk at the Mauritius University, Mauritius, 13th May 2009.