

Teresa Numerico

University of Rome III
Department of Philosophy communication and performing arts
Job title(s) Associate Professor, Department of philosophy, Dept. of Philosophy,

Career History

November 2014 – to present

Associate professor in Philosophy of science at Dept. of Philosophy, Communication, Performing arts, University of Rome III

Courses currently taught:

- Epistemology and the New Media (Undergraduate)
- Philosophy of technology (Postgraduate)
- History and Theory of computer science (Postgraduate)
- Laboratory of technology, culture, and society (Postgraduate)

November 2008 – October 2014

Lecturer in Philosophy of Science at the Dept. of Philosophy, University of Rome III.

Courses taught:

- Epistemology of New Media (Undergraduate)
- History of Logic and Computer Science (Postgraduate)
- Laboratory of Applied Computer Science for Publishing and Journalism (Postgraduate)
- Philosophical Problems of Logic (Ph.D. course)

January 2005 – October 2008

Lecturer in Philosophy of Science at the Dept. of Communication Sciences, University of Salerno (Italy)

Taught courses:

- Theory and Techniques of New Media (Undergraduate)
- Laboratory of Web Design (Undergraduate)

Education

March 1995 – June 1999

Ph.D. in History of Computer Science, University of Bari. Supervisors: Prof. Donald Gillies (King's College London) and Prof. Paolo Freguglia (University of Chieti). Title of thesis: *The role of Alan Turing between the theory of computability and the "Electronic Brain" project.*

The main objective of the thesis was the definition of Turing's ideas about machines and the tasks that they were supposed to accomplish in comparison with the other US and UK pioneers of computer science during the '40s and '50s.

February – June 1996

Graduate course in "Building relational database & SQL Programming" (350 H.) - IAL CISL Lazio

May – October 1994

European Master Degree in “Epistemology and Information Technology”, Université de Marne-la-Vallée & University of Bari.

April 1993

“Laurea” Degree in Philosophy (110/110 cum laude) - Dissertation in Logic – University “La Sapienza” of Rome, Supervisor Prof. Carlo Cellucci. Title of final Dissertation: “*The birth of the Theory of Computability between the ‘30s and the ‘50s*”.

The aim of the dissertation was the description of the theoretical basis behind the project of machine designing during the ‘40s. The theory of computability offered to the scientists that were involved in the machine building a theoretical structure for their practical aims.

Awards

June 2004 – April 2005

Leverhulme Fellowship awarded for an interdisciplinary research project on Computing and Philosophy under the supervision of Prof. Jonathan Bowen at the Faculty of BCIM at London South Bank University.

June 2001 – May 2003

University of Salerno Post PhD. Research Fellowship, Dept. Science of communication. Research project: *The early history of computer and its epistemological impact on the mind-body problem.*

October 1995

University of San Marino course Grant to attend a course in “Foundations of information technologies for the human sciences”, introduction to the SCHEME (LISP dialect) language. Centre for the Semiotic and Knowledge studies, University of San Marino.

May – October 1994

European Community Scholarship to attend the European Master course in “Epistemology and Information Technology” (see Education for details).

List of publication (Selection)

Books

1. *Big Data e algoritmi*, Carocci Editore, Roma, 2021.
2. *L'umanista digitale*, Il Mulino, Bologna 2010.
3. *Web Dragons: Inside the Myths of search engine technology* (con Ian Witten e Marco Gori), Morgan Kaufmann, San Francisco, 2007. Personal contribution to the volume:
 - Cap 1 Setting the scene: pp. 3-27
 - Cap. 6 Who controls information: pp. 177-209 (escluso pp. 193-201)
 - Cap. 7 The Dragons evolve (parzialmente): pp.223-229.
4. *Alan Turing e l'intelligenza delle macchine*, Franco Angeli, Milano, 2005.

5. (Editor) *Informatica per le scienze umanistiche*, Bologna, Mulino, 2003. personal contribution to the volume:
 - Introduzione: 9-20
 - Conclusioni: 241-247
 - Capitolo I (Calcolatore: teoria e storia di una macchina simulatrice): 21-54
 - Capitolo III (Memorizzazione e ricerca nel mondo digitale): 75-90.

Papers in Journals

6. Towards a critique of algorithmic reason. *TRÒPOS*, XIV(1), (2021).
7. Tecnologia digitale, dati e algoritmi per riorganizzare gli schemi dell'esperienza cognitiva: alcune osservazioni critiche. *POLEMOS*, vol. 2020, ISSN: 2281-9517.
8. Social network e algoritmi di apprendimento: problemi cognitivi e propagazione dei pregiudizi In *Sistemi intelligenti*, Anno 31, n.3/dic. 2019, pp. 469-493.
9. 2019 Intelligenza artificiale e algoritmi: datificazione, politica, epistemologia in *Consecutio rerum*, vol. 3. N. 6, <http://www.consecutio.org/2019/04/intelligenza-artificiale-e-algoritmi-datificazione-politica-epistemologia>.
10. Politics and Epistemology of Big Data: A Critical Assessment. In *On the Cognitive, Ethical, and Scientific Dimensions of Artificial Intelligence* (pp. 147-166). Springer, Cham, 2019, In *PHILOSOPHICAL STUDIES SERIES* - ISSN:0921-8599.
11. 2018. Dati, modelli e interpretazioni: verso una fase filosofica nelle digital humanities. In *ISONOMIA* - ISSN:2037-4348 vol. 10.
12. "La pizia algoritmica. Verily, Mindstrong e altri "dispositivi intelligenti" in medicina", *Alfabeta2*, 12 nov. 2017, <https://www.alfabeta2.it/2017/11/12/la-pizia-algoritmica-verily-mindstrong-altri-dispositivi-intelligenti-medicina/>
13. "Language and communication in Turing's machine intelligence", *Paradigmi* vol.33, n.3 Settember-December 2015 *Machines, Minds and Adaptive behavior* Editors G. Tamburrini, N. Cilia, pp. 109-127.
14. Bergonzi M, Fiorentino F, Fiormonte D, Fortini L, Fracassa U, Lucantoni M, Marraffa M, Numerico T. "The New Humanities Project—Reports from Interdisciplinarity". *Humanities*. 2014; 3(3):415-441, <http://www.mdpi.com/2076-0787/3/3/415>.
15. "Alan Mathison Turing", coauthor Marcello Frixione, Aprile 2013 profili - Aphex, 9/4/2013, ISSN 2036-9972, <http://www.aphex.it/index.php?Profili=557D03012200740321070507777327>.
16. "Alle origini di Arpanet. Il contributo cognitivo di Norbert Wiener" *Sistemi Intelligenti*, vol. XXI, Dic. 2010, pp.533-542.
17. "Norbert Wiener's vision of the 'information society'" (coauthor Roberto Cordeschi), *Revista ontology studies /Cuadernos de Ontología*, Vol. 8 (2010)

18. “The New Machine: from Logic to Organization. Turing, von Neumann and a Self-organized Device for Future Applications”, Special volume on the History of modern computing (eds. Jack Copeland, Carl Posy and Oron Shagrir), *The Rutherford Journal: The New Zealand Journal for the History and Philosophy of Science and Technology*, vol. 3 (2010). <http://www.rutherfordjournal.org/article030102.html>
19. Numerico T, & al. (2009). Una questione di definizioni: rapporti tra discipline umanistiche e informatica. Quantità e qualità. I testi, le biblioteche, l'accesso alle informazioni. *INFORMATICA UMANISTICA*, vol. 1, p. 34-36, 43-46, 53-56, ISSN: 2035-6323
20. “Program Verification and Semantics: Further Work”, *Science Museum, London*. [Teresa Numerico](#) and Jonathan P. Bowen. *IEEE Annals of the History of Computing*, **27**(2), 2005.
21. *From Gutemberg to the Internet*, historyofscience.com, in *Nuncius*, vol. 21 (vol. 2) 2006, 438-439.
22. *Program Verification and Semantics: Further Work*, *Science Museum, London*, Teresa Numerico and Jonathan P. Bowen. [FACS FACTS](#), [BCS-FACS](#), [Issue 2005-1](#), 18-25, March 2005.
23. *25 Years of CSP*, Teresa Numerico and Jonathan P. Bowen. [FACS FACTS](#), [BCS-FACS](#), [Issue 2004-3](#), 25–31, November 2004.
24. “Social networks and web minorities”, (coauthor Marco Gori) in *Cognitive Systems Research*, Vol. 4, Issue 4, Dec. 2003: 355-364, accessible at the URL: <http://authors.elsevier.com/sd/article/S1389041703000160>.
25. “Program verification and semantics: The early work”, (coauthor Jonathan P. Bowen) *Computer Resurrection* (The Bulletin of the Computer Conservation Society), 27, Spring 2002: 15-18.
26. “Program verification and semantics: The early work” (coauthor Jonathan Bowen) *IEEE Annals of the History of Computing*, 24(1) January-March 2002: 90-92.

Encyclopaedias' entries

27. "La cibernetica in Italia", (coauthor Roberto Cordeschi) in *Il contributo italiano alla storia del pensiero – VIII Appendice della Enciclopedia Italiana di Scienze, Lettere ed Arti*, il volume Scienze edito dall'Istituto Treccani, 2013.

Chapters in books and proceedings

28. (2021). Le piattaforme digitali nella scuola italiana. In ANDREA RANIERI (a cura di), *Scuola* (pp. 75-80). Roma : Castelvechi.

29. Numerico, T. et al. (2021). A Savage Journey into the Heart of Digital Cultures. In Geert Lovink., Donatella Della Ratta, Teresa Numerico, Peter Sarram (Eds) *The Aesthetics and Politics of the Online Self: A Savage Journey into the Heart of Digital Cultures* (pp. 3-20). Palgrave Macmillan.
30. (2020). Ragione e legge. In: (a cura di): Fortini L. Pigliaru A., *Abecedario della differenza*. p. 120-129, MILANO:nottetempo, ISBN: 978-88-7452790-8
31. “La memoria e la rete” in Bertollini A., Finelli R. (a cura di) *Soglie del linguaggio. Corpo, mondi, società*, RomaTre- Press, Roma, 2017, pp. 81-102.
32. Searching and organizing. In: Numerico Teresa Fiormonte Domenico Tomasi Francesca. *The digital Humanist*. p. 169-203, New York:Punctum Books, ISBN: 978-0692580448
33. Numerico T, Fiormonte D. (2015). Internet or the humanistic machine. In: Numerico Teresa Fiormonte Domenico Tomasi Francesca. *The digital Humanist*. p. 49-93, New York:Punctum Books, ISBN: 978-0692580448
34. Numerico, T (2015). Technology and the humanities: a history of interaction. In: Numerico Teresa Fiormonte Domenico Tomasi Francesca. *The digital Humanist*. p. 25-47, New York:Punctum Books, ISBN: 978-0692580448
35. “Google AI and Turing's Social Definition of Intelligence”. Extended abstract *In Proceedings of the ISIS Summit Vienna 2015*, 3–7 June 2015; Vienna, Austria, S3039; doi:[10.3390/isis-summit-vienna-2015-S3039](https://doi.org/10.3390/isis-summit-vienna-2015-S3039), URL: <https://sciforum.net/conference/isis-summit-vienna-2015/paper/2996>
36. From Turing Machine to Electronic Brain” in J. Copeland (Ed.) (2012) *Alan Turing’s Automatic Computing Engine*, Oxford University Press, Oxford: 173-192.
37. "Dalla Cibernetica a Internet: etica e politica tra mondo reale e mondo virtuale" (con Roberto Cordeschi) in Luca Marini e Andrea Carlino (a cura di) *Il post-umano e l'etica del nuovo. Dal corpo bionico al corpo sintetico*, Carocci, 2012 Roma, pp.124-134.
38. “Steve Jobs fra marketing, tecnologia e avanguardie culturali” (Con Domenico Fiormonte) in *Giovani nella rete. Identità virtuali* D. Silvi (a cura di), Aracne, Roma, 2012, pp. 119-138, Doi: [10.4399/97888548469687](https://doi.org/10.4399/97888548469687).
39. Fiormonte D., Numerico T (2011). Le radici interdisciplinari dell'informatica: logica, linguistica e gestione della conoscenza. In: *LA MACCHINA NEL TEMPO Studi di informatica umanistica in onore di Tito Orlandi*. vol. 1, p. 13-38, FIRENZE:Le Lettere.
40. “Communication, Control and Freedom. For an Archaeology of Information Technologies”, *Proceedings of the E-Cap Conference*, Munich 2010, pp. 462-467.
41. Denunzio F., Numerico T. (2008) "Quale utente per l'archivio multimediale?", in Frezza G. (Ed.) *L'arca futura*, Meltemi, Roma, ISBN: 978-88-8353-630-4, pp. 31-38.

42. “Conoscenza e cooperazione: aspetti cognitivi e tecnologici” (con Roberto Cordeschi). In: D'Alessandro L. (Ed.), *Il gioco dell'intelligenza collettiva e i nuovi percorsi dei significati*, Guerini Studio, Milano 2007: pp. 25-47.
43. Linguistica, Logica, Informatica: una storia cognitiva parallela”, (coauthor Domenico Fiormonte) in Greco A. et al. (Ed.) *Atti del convegno nazionale AISC Scienze Cognitive e robotica*, Erga Edizioni, Genova, 2006: pp. 83-87.
44. Jonathan P. Bowen and Gloria Moss and Rod Gunn and Isabel Bernal and Eleanor Lisney and Sarah McDaid and Teresa Numerico (2006) "Encouraging Gender Balance: A Survey of European Art Museum Websites" In: *EVA London*. July 2006. London, 25-27 July 2006, p. np, LONDON: Eva Conference International ECI, accessible at the url <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.64.4495&rep=rep1&type=pdf>.
45. Numerico T, Bowen J. (2006). "Copyright protection and cultural heritage: steering digitization between public archives and search engines". In: *EVA London*. July 2006. London, 25-27 July 2006, p. np, LONDON: Eva Conference International ECI.
46. “Women in Computing: a European and International Perspective” (with Sue Black, Jean Jameson, Regine Komoss, Averil Meehan) at the Third European Symposium on Gender and ITC: Working for change (<http://ict.open.ac.uk/gender/>), Accessible at the URL: <http://ict.open.ac.uk/gender/papers/black.doc>.
47. “Macchine non organizzate e simulazione dell'intelligenza nell'opera di A.M. Turing” in M. Cappuccio.(ed.), *L'eredità di Alan Turing*, Albo Versorio, Milano, 2005, pp. 139-152.
48. “Meno's dilemma and web mining: search engines' influence on the discovery process” Teresa Numerico and Roberto Cordeschi, in Negrotti M. (ed.) *The yearbook of the artificial, Nature, Culture & Technology, Cultural Dimensions of the User* Vol. 3, Peter Lang Publishing Group, Bern, 2005.
49. "Copyright and Promotion: Oxymoron or Opportunity?", Teresa Numerico and Jonathan P. Bowen. *EVA London 2005 Conference*, 25–29 July 2005, s25 pp.1-11, accessible at the URL: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.62.9082&rep=rep1&type=pdf>
50. *Gender Issues and Museum Websites*, Clara Baiget, Isabel Bernal, Sue Black, Nadia Blinova, Stefania Boiano, Ann Borda, Jonathan P. Bowen, Wera Grahn, Eleanor Lisney e Teresa Numerico, in David Bearman and Jennifer Trant (eds.), *MW2005: Museums and the Web 2005*, Vancouver, Canada, 13–16 April 2005.
51. “Search Engines and Online Museum Access on the Web” Teresa Numerico, Jonathan P. Bowen & Silvia Filippini-Fantoni, *Proceedings of Museums and the Web 2005*, URL: <http://www.archimuse.com/mw2005/papers/numerico/numerico.html>.

52. “Personalization Issues for Science Museum Websites and E-learning”, Silvia Filippini-Fantoni, Jonathan P. Bowen and Teresa Numerico. In Ramanathan Subramaniam (ed.), (Nanyang Technological University, Singapore), E-learning and Virtual Science Centers, Chapter 13. Idea Group Publishing, Hershey, USA, 2005, 272-291. URL: <http://www.jpbowen.com/pub/evsc05b.pdf>.
53. “Universalità e simulazione, dalla nascita del calcolatore, all’intelligenza collettiva in rete” in Filosofia e Diritto nell’era di Internet, Aracne, Roma, 2003: 85-105.
54. “La teoria dell’informazione e Claude Shannon” in Catalogo della mostra interattiva sulla storia e sulle tecnologie della comunicazione (a cura del CNR), Bologna, 2002: 64-68.
55. “Il concetto di macchina dalla logica all’intelligenza artificiale: l’opera di A. M. Turing” in Fano V. / Tarozzi G. / Stanzione M. (a cura di), Prospettive della logica e della filosofia della scienza. Atti del convegno triennale della SILFS 1999, 13-15 marzo, Rubettino, Catanzaro, 2001, pp. 219-230.
56. “I progetti finalizzati e il CNR dal 1976 ad oggi”, in Per una storia del CNR, Laterza (with CNR) Roma, II Volume, 2001: 92-116.
57. “Le ricerche di informatica”, in Per una storia del CNR, Laterza (with CNR) Roma, II Volume, 2001: 408-440.
58. “Le macchine che imparano, il paradigma logico e l’obiezione di Lady Lovelace”, in proceedings of the Conference of the Italian society of Philosophy on “Informatica: 30 anni dopo”, Bari 24-26 Ottobre 1997 – Edizioni G. Laterza, Bari, 2000: 377-401.
59. “Turing: dalla teoria della Macchina Universale ai progetti per la Thinking Machine”, intervento al Convegno annuale (AICA) - 27-29 settembre 1995, Chia Laguna, Cagliari – in proceedings of the AICA conference ‘95 (Associazione Italiana per l’Informatica e il Calcolo Automatico), 1995: 1074-1081.

Reviews

60. Review to R. Minuti *Internet et le metier d'historien*, Paris, PUF, 2002, in Testo e Senso, vol. 4/5 2001/2002: 289-291.

Articles in national newspapers

August 2011-April 2014

24 articles for l’Unità

October 2015 – Ottobre 2021

55 articles for il Manifesto https://ilmanifesto.it/archivio/?fwp_author=teresa%20numeric

Other teaching activities in universities different from my affiliations¹

Marzo- maggio 2013

- Contract professor in Philosophy of science (36 hours) Dept. of economy, government, philosophy studies University of Rome II (Tor Vergata).

October 2006 –January 2007

- Contract professor in Logic and Philosophy (36 hours) Faculty of Letters and Philosophy, University of Rome III

February – June 2006

- Contract professor in *Communication and language: an interdisciplinary perspective*, (30 hours) Faculty of Letters and Philosophy, University of Roma Tre.

September – December 2004

- Teaching contract for lectures in the course of *Enhanced webpage design*, London South Bank University.

February – June 2004

- Contract professor in *Communication and Language: Interdisciplinary Perspectives* (50 hours), Faculty of Letters and Philosophy, University of Roma Tre.

February – June 2004

- Contract professor of *Theory and techniques of New media*, (60 hours) Faculty of Letters and Philosophy, Undergraduate degree in Communication Sciences, University of Salerno.

February – April 2004

- Contract professor of *Computers in the Museums* (15 hours), Faculty of Letters and Philosophy, University of Bologna.

November 2003 – March 2004

- Contract professor of *Informatica per le scienze umane*, (Humanities Computing) Faculty of Letters and Philosophy, University of Bologna.

February – October 2003

- Contract professor of *Informatica per le scienze umane* (Humanities Computing), Faculty of Letters and Philosophy, University of Bologna.

February – April 2003

- Contract professor of *Computers in the Museums* (20 hours), Faculty of Letters and Philosophy, University of Bologna.

February – October 2002

- Contract professor of *Informatica per le scienze umane* (Humanities Computing), Faculty of Letters and Philosophy, University of Bologna.

July 2002

- Contract professor of *Knowledge Management e Project Management* (21 hours), Master in Multimedia Project Management and Web Production, Istituto Superiore di Comunicazione, Rome.

¹ Current teaching activities are listed in the Career History section.

March 2001

- “E-Business and Web Technologies”, 6 hrs. course, University “La Sapienza” of Rome (APOLLO Teaching Project), CRUI (Association of the Italian Universities Rectors), and the European Social Fund.

September 2001

- “The Beginning of the Information Theory: an Interdisciplinary Experience”, *Summer school in History and Philosophy of Physics*, University of Urbino.

December 2000 – January 2001

- “Knowledge Management and New technologies”, 8 hrs. course for public administrators and business managers organized by the Communication Sciences Faculty of the University of Rome “La Sapienza”.

November 2000

- “Pay TV and the other New Media Content in the Italian Market: Business Models of Content Factories”, *Master in Management of the Multimedia Enterprise*, Link University of Malta in Rome.

November 1998

- “Alan Turing and the Origins of the Computers in UK”, Seminar at the University of Salerno, Philosophy of Science Lectures Series.

April 1998

- “Knowledge representation between Logic and Artificial Intelligence”, Master in Philosophical Anthropology, University of Urbino.

Selected conferences participation, talks and conference organizations

Law on trial 2019: Communication technologies on trial - Invited speaker 11 June 2019
Birkbeck University of London Talk title: Algorithms and social justice
<http://www.bbk.ac.uk/annual-events/law-on-trial/current-law-on-trial>

Digital Humanities Conference 2019 - Utrecht, the Netherlands talk title: The cultural and epistemological bias of algorithms (10 July)
<https://staticweb.hum.uu.nl/dh2019/dh2019.adho.org/index.html#>

Artificial Intelligence and ethical issues 2-3 september 2019 – University of Konstanz Invited Talk
Talk title: Towards a critique of algorithmic reason details:
https://www.philosophie.uni-konstanz.de/typo3temp/secure_downloads/69573/0/38d7013df0d8becbfc9d80ff1beee110163aa97/AI_Plakat.pdf

XXV International Conference of Film Studies Contemporary Women’s Cinema and Media: Aesthetics, Identities, and Imaginaries talk title: La rappresentazione visuale del femminile nelle tecniche di selezione algoritmiche conference website:
<https://convegnocinemadelledonne746216226.wordpress.com/>
society for women in Philosophy - Italia - Primo convegno annuale SWIP Italia – “Filosofia, genere e comunicazione digitale” (Modena , 28-29 nov 2019) Titolo del Talk: Interpretazione algoritmica, datificazione e pregiudizi di genere <https://swip->

italia.org/2019/10/31/programma-primo-convegno-annuale-swip-italia-filosofia-genere-e-comunicazione-digitale-modena-28-29-nov-2019/ <https://swip-italia.org/2019/0/>

Organizzazione del convegno internazionale intorno alla figura di Bernard Stiegler: Société automatique et avenir de la connaissance A Roma Tre - 16 dic. 2019

2018

Circolo Bateson – Convegno Mente e futuro Evoluzione culturale, evoluzione biologica – 13-14 gennaio 2018 Sala concerti della Scuola Popolare di Musica di Testaccio, piazza Giustiniani 4/a – Invited Talk
Intelligenza, mente, algoritmi

Seminar Series on Critical Legal Theory - Dept. of Law Rome Tre
Friday 26 January 2018 CRITICAL LEGAL THEORY IN EUROPE
Round table participant

Campus biomedico - Lunchtime meeting – invited seminar- 11/06/2018
Algoritmi, dati e machine intelligence

International Society for the History and Theory of Intellectual Property (ISHTIP) Annual Workshop – Department of Law university of Rome Tre 3-6 June 2018 Discussant of the paper by Matthew David Leviathan and the air blade: do we live in a vacuum More details: <https://www.ishtip.org/?p=915>

DiCultHer, L'IDENTITÀ DEL DIGITAL CULTURAL HERITAGE E LA SUA INFLUENZA
NELLA SOCIETÀ CONTEMPORANEA EUROPEA – friday 26 ottobre 2018 – University of Rome tre – Aula Magna architettura, Invited Talk
Riflessioni sulle digital humanities: digital cultural heritage tra memoria e oblio

EduIA – Roma 15/11/2018 invited talk to the conference of the dept. Scienze della formazione University of Roma Tre
Intelligenza artificiale e algoritmi

Seminario all'Università di Tor Vergata nell'ambito dei crediti di Digital humanities – 26 novembre 2018
Big data e algoritmi: i filtri per organizzare le informazioni digitali

13 dic. 2018
Invited talk to the dept. of philosophy university of Milan
Towards a critique on the algorithmic organization of knowledge

2017

Keynote speaker AIUCD conference 26 jan. 2017- Aula Levi – La Sapienza Uniroma1
Data versus interpretation

Digital Humanities / Humanidades Digitales / Informatica Umanistica. Un dialogo interculturale – 20 aprile 2017 Scienze Politiche Roma Tre – Invited talk
Big data and knowledge variability in human and social sciences

Invited talk to L'umanista nella rete. Teorie e pratiche delle digital humanities 3-4 May 2017 –Urbino University

Data versus interpretation: an imaginary epistemic conflict in digital humanities

Co-organization of an international conference on *Tear and loathing of the online self* 22-23 may 2017 (Roma Tre, John Cabot University Rome, Institute of Network culture, Amsterdam)

Talk to the Silfs 2017 conference –Triennial International Conference of the Italian Society for Logic and Philosophy of Science Bologna, Italy, 20-23 June 2017

Wittgenstein's influence on Turing's Test

Milan University– Seminar of historical epistemology – Les humanités numériques face à L'archéologie du savoir: quel dialogue? – 9 novembre 2017 – invited talk

Per una critica genealogica della ragione computazione

Generazioni connesse3 - 14/11/2017

Miur – Sala della comunicazione – Invited talk

Algoritmi, big data e costruzione identitaria

2016

Roma Tre, 11-12 April 2016 conference “COLLOQUIA PHILOSOPHICA” talk title:

Per una genealogia della memoria digitale

Paris Sorbonne Paris IV Maison de la recherche, Paris 27 April 2016

Calcul, logique, linguistique Invited Talk

Black box, memory and datification

Urbino University– 15 May 2016 – Invited talk

Il futuro dei motori di ricerca

IA-CAP conference Ferrara 2016 – 14-17 June talk title

Research policy and epistemology of Big Data: a critical assessment

Big Data: regole rischi opportunità – Slc CGIL – 19 Ott. 2016 Corso Italia, 25 - Sala Di Vittorio – invited talk

La sfida dell'equità nell'analisi dei Big Data

Birkbeck colloquium – London – 2 dic. 2016

Invited Talk: *Acceleration, measurability and competition: technology impact on intellectual and manual labour. Notes on a strategy to defeat the hegemony of anarcho-capitalist ideology*

May 2015

- “Who owns the data for the Big Data analysis? Political and social open questions”, invited talk to the round table on Political Communication between big data and new social movements, at the Conference on Media Politics and Democracy. A Challenging Topic for Social Sciences, at the LUISS University of Rome, 21-22 may 2015.

April 2015

- "Big data in social sciences and humanities: from epistemology to data power", 30 April 2015 in *Around the World. A world wide collaborative conference on Big Data*, <http://aroundtheworld.ualberta.ca/>, organized from the University of Alberta, Edmonton (CA), Kule Institute for Advanced Study.

May 2014

- "The creation of the object under observance: Big Data, cybernetics and surveillance" 21 may 2014, in *Around the World. A world wide collaborative conference on privacy and surveillance in the digital age*, <http://aroundtheworld.ualberta.ca/>, organized from the University of Alberta, Edmonton (CA), Kule Institute for Advanced Study.

November 2013

- "For a genealogy of digital memory" invited talk at the seminar Memory: mathematics, computer science, literature, 20 november 2013, university of Rome III , within the internationalization project New humanities, <http://www.newhumanities.org/seminars/20-novembre-memoria-matematica-informatica-letteratura/>

October 2013

- "Cybernetics control and Big Data" At the conference Hapoc History and Philosophy of computer Science, Paris, ENS, 28-31 October, <http://hapoc2013.sciencesconf.org/>

June 2013

- "Analog vs digital devices or association and interaction vs deduction" at the conference Thinking Shadows, Rossella Lupacchini organizer, funded by PRIN project, Dept. of Philosophy of the university of Bologna, 13-14 June 2013.

April 2013

- "Body and technology" invited talk witin the activities of the research group New humanities of Rome III <http://www.newhumanities.org/seminars/april-11th-2013-body-and-technology/>

Dicembre 2012

- " Alan Turing e l'intelligenza delle macchine: corpo, apprendimento, socialità" invited talk at the dept. of computer science of the University of Verona, 12 dec. 2012.

November 2012

- " Alan Turing:scienziato fuori dal sistema della scienza", conference at the library of the house of parliament, during the celebration of the anniversary of Alan Turing.

October 2012

- "Alan Turing e l'intelligenza come processo sociale" invited talk at the conference L'eredità di Alan Turing, La Sapienza Roma, Roma Tre, 12-13 October 2012.

Settember 2012

- "Alan Turing e l'intelligenza meccanica" invited talk at the XV Summer School of philosophy of physics, for the Alan Turing anniversary 19- 24 Sept. 2012, Centro San Biagio, Cesena.

June 2012

- "Alan Turing and machine intelligence" invited talk alla ACE 100 conference, Turing's birthday party, King's College, Cambridge, 15-16 June 2012.
- "Artificial Intelligence and the Turing Test" invited talk to the Turing's World – Oxford 23-24 June 2012, continuing education project.

March 2012

- " Effetti cognitivi e sociali della mediazione della rete" conferenza su invito nell'ambito del Festival della scienza di Verona, Infinitamente.

December 2011

- "Transferts réciproques entre philosophie et informatique", journée d'étude organisée de J. Lasségue, G. Longo dans le CREA, Centre de Recherche en Epistémologie Appliquée, École Polytechnique, Paris, 15 Décembre, 2011.

November 2011

- "The computer between computationalism and cybernetics", Talk at the Hapoc (History and Philosophy of computing) Conference, Ghent, 7-10 November 2011.

October 2011

- "Cybernetics bionics and Artificial intelligence" presentation to the volume in honor of Vittorio Somenzi. Invited talk. Enciclopedia Treccani, Rome.

May 2011

- "Mathematization and logos" invited talk to the PhD. course in Philosophy of the university of Rome II.

October 2010

- "Communication, control and freedom. For an archaeology of information technologies", talk at the European Conference on Computing and Philosophy (ECAP10), Technische Universität München, 4-6 October.

November 2009

- "Cybernetics, search engines and resistance", invited talk at the conference *The Society of the Query*, Amsterdam, 13-14 November.
- "Alle origini di Arpanet: l'influenza cognitiva di Wiener", talk at the AISC conference (Italian Society for Cognitive Science), University of Naples.

December 2008

- "Google tra mito e realtà: storia e problemi" (Google between Myth and Reality: History and Open Issues), Dieci anni di Google (Ten years of Google), conference organized by the Dept. of Philosophy, University of Roma Tre.

October 2008

- Invited talk to the round table “Norbert Wiener a 60 anni dalla nascita della Cibernetica” (Norbert Wiener: 60 years after the birth of Cybernetics), organized by the *Festival della Scienza of Genova* (Genoa Science Festival), 23 October.
- “Appunti per una storia della verità in logica: Frege e Peirce” (Notes for an History of Truth in Logic: Frege and Peirce), invited talk to the conference “Democrazia e ordine del Discorso” organized by the Dept. of Sociology of the university of Salerno.

October 2007

- Invited talk to the round table on “Enigma Turing: uomini, macchine, pensieri”, organized by University of Siena, Festival della creatività 2007, Fortezza da Basso Firenze.

July 2007

- “The Digital Content Filter – Risks and Opportunities”, Talk at the 2007 North American Computing and Philosophy Conference (NACAP), Loyola University’s Water Tower Campus, Chicago.

June 2007

- “The Science Commons and Hierarchical Peer Reviewed Evaluation Methods” Talk (with Jonathan Bowen) at the European Computing and Philosophy Conference (ECAP), University of Twente, Enschede, The Netherlands.
- “Accesso alle informazioni e democrazia” (Access to Information and Democracy), invited talk at the seminar “I saperi della rete” (Knowledge of the Network), organized by the Dept. of Studi Filologici, Linguistici e Letterari (DSFLL), University of Rome “La Sapienza”.

October 2006

- “Linguistica, logica, informatica: una storia cognitiva parallela” (Linguistics, Logic, Computer Science: a Parallel Cognitive History), with Domenico Fiormonte, talk at the III Convegno nazionale di Scienze Cognitive (National conference of the Italian Society of Cognitive Sciences), organized by the University of Genova.
- “The Reality of the Virtual: Ethical, Social and Political Consequences of Control and Communication Technologies in Norbert Wiener's Foresights” (with Roberto Cordeschi), *VII International Ontology Congress: From Plato’s Cave to the Internet: The Real and the Virtual*, Chillida-leku & Arteleku 2 - 6 October 2006, San Sebastián:
<http://www.ontologia.net/information.htm>.

June 2006

- “Unorganized and Self-modifying Devices: Alan Turing’s Legacy for a New Idea of Intelligent Machinery”, XXI International Workshop on the History and Philosophy of Science. The Origins and Nature of Computation, 12-15 June 2006, Tel Aviv, Jerusalem
http://edelstein.huji.ac.il/computation_workshop/.

May 2006

- “Two Models of Machine in the History of Computer Science, and their Epistemological Consequences”, Computers and Philosophy International Conference, 3-5 May, Laval,
http://ateliers.iut-laval.univ-lemans.fr/i-CaP_2006/.

November 2005

- “Mathematical Theory of Communication and Cybernetics: two different perspectives of technology in the framework of European communication studies” (with Roberto Cordeschi), First European Communication Conference, Amsterdam, 24-26 November.

July 2005

“Copyright and Promotion: Oxymoron or Opportunity?” (with Jonathan P. Bowen), EVA London 2005 Conference, 25-29 July.

April 2004

- “The Knowledge Dilemma of Menon and the Role of Search Engines in Knowledge Access on the WWW” (with Roberto Cordeschi), The User of the Artificial, V International Conference on “The culture of the Artificial”, Ascona (CH) – Monte Verità.

November 2003

- “ARTORGA: The Artificial Organisms Research Group and Ashby’s Legacy” (with Roberto Cordeschi), Workshop The Confluence of Ideas in 1943: Sixty Years of Machine-oriented Investigations of Intelligent Behaviour, Pisa, Palazzo della Sapienza.

May 2003

- “The Second Turing Machine”, seminar lecture in the course of Philosophy of Science (Prof. Giorgio Sandri), University of Bologna.

April 2003

- “The Humanities Curriculum competences in the New Media Job Market”, University of Rome “Tor Vergata”, Campus One project.

March 2003

- “Philosophy Resources, Social Communities and Information Retrieval on the Web”, workshop on Internet resources for Humanities Studies, Faculty of Letters and Philosophy, University of Florence.

January 2003

- “Alan Turing and the Simulation of Intelligence”, Seminar during the Artificial Intelligence course (Prof. Marco Gori), Faculty of Engineering, University of Siena.

December 2002

- “Visibility on the Web: a cognitive perspective” talk at the workshop Semantic Web, ontology and multi-agent systems, Dept. of Science of Communication, University of Salerno.

November 2002

- “Universality and Simulation: from the Birth of Computer to the Collective Intelligence”, workshop on Philosophy and Law in the Internet age, Faculty of Law, University of Rome “Tor Vergata”.

September 2002

- “Intelligent Agent for Protection of Web Minorities” (with Marco Gori), 1st Conference of the Italian Association of Cognitive Science, Rovereto.

July 2002

- “Knowledge Management and E-learning”, workshop on *E-learning and training*, Dept of Science of Communication, University of Salerno.

June 2002

- “The Programmers’ Handbook of Alan Turing”, SILFS (Italian Association of Logic and Philosophy of Sciences) national conference.

November 2001

- “Universality, Artificiality and Computability: Notes on the History of the Computer”, seminar in Training Strategies and New Technologies, University of Rome “Tor Vergata”.

Professional Activities

October 2015- to present

Manifesto (Italian Left wing national newspaper)

Contributor to the culture pages of il Manifesto, on the philosophy of technology with special regards to political and social impact of technology.

July 2011-June 2014

Unità (National Italian newspaper founded by Antonio Gramsci)

Contributor to the national newspaper l’unità. the articles were hosted in culture pages and they were basically concentrated on the relationships between science, technology and society. The end of the collaboration was due to the closure of the newspaper for economic reasons.

February – May 2002

Rai (Italian National Public TV Company)

- Texts author and scientific consultant for the production of the TV and Web distance courses on the European Computer Driving License (ECDL).

June – October 2001

Turner Broadcasting System Italy

- Consultancy for the creation and management of the broadband Cartoon Network project for the Italian Portal Virgilio-Tin.it.

May 2000 – May 2001

Turner Broadcasting System Italy

- New Media Business Development Manager (Broadband content, Mobile content, Interactive TV content, etc.)
- Project leader of the Mobile SMS and Wap application of CNNItalia.it
- Project manager of the website: www.CartoonNetwork.it
- CEO consultant on design and implementation of content packaging strategy for the following platforms and companies:
 - Mobile Telecom Companies, using the various Mobile Standards: WAP, GPRS, UMTS
 - ADSL and Broadband cable companies, offering both TV and PC based applications
 - Interactive TV Platforms
- New Media content licensing contract coordination in link with the legal Dept. of TBS International.

October 1999 - May 2000

Turner Broadcasting System Italy

- Marketing manager. Coordination and management of all the communication activities of TBS in Italy, Creation of the TBS Italy Marketing Dept.
- Start up activities manager reporting directly to the Managing Director.
- Management of all the communication activities planned for the launch of the website www.cnnitalia.it
- Project manager and producer of the website www.CartoonNetwork.it
- IT facilities and helpdesk manager, in link with TBS International IT dept. in London, Atlanta and New York.

January 1998 - September 1999

Stream S.p.A., Italian Pay TV company - Marketing Department

- Product Manager Advertising (Media buying and creativity)
- Interactive team consultant for the business plan development of the E-commerce company website www.stream.it
- Communication manager of the website project.

December 1995 - January 1996

University of Rome “La Sapienza”- Department of Philosophy

- Organization of the triennial SILFS (Italian Society of Logic and Philosophy of Sciences) Conference – Rome 3-7 January 1996 – Editor of the SILFS Newsletter.

November 1993 - May 1996

University of Rome “La Sapienza”- Department of Philosophy

- Undergraduate tutorials in Logic, Mathematical Logic, Philosophy of Science, Propaedeutics in Philosophy.

Languages

- Mother tongue Italian
- Fluency in English and French (Certificate of Proficiency in English - British Council, Rome, 1997); *Certificat de la Langue Française* - Université de la Sorbonne, Paris, 1989)
- Reading knowledge of Latin and Ancient Greek

Computer skills

- Expert in New Media Project Management
- Expert in creating Multimedia Presentations
- Advanced knowledge in Information Retrieval and Knowledge Management
- Good knowledge of HTML, and most common content management tools
- Good knowledge of PROLOG (programming language).
- Basic knowledge of relational and object-oriented database analysis and creation