

Donato Ricci

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Academic Affiliations

SCIENCESPO
médiab
1, Place St. Thomas d'Aquin
75007, Paris - FR

UNIVERSIDADE DE AVEIRO
DECA
Campus Univ. de Santiago
3810, Aveiro - PT

Areas of specialization & competence

Design Inquiry · Data & Information Visualization · Digital Methods

Resumé

Donato Ricci is a designer and researcher at Sciences Po | médiab. He specialises in the use of Design Research Methods in Human and Social Sciences. He designed Bruno Latour's AIME project. Along with Latour he co-curated the *Reset Modernity!* exhibition at ZKM|Karlsruhe and at the Shanghai Himalayas Museum.

He conducted research on topics ranging from urban nature and its relationship with digital infrastructures to the problematisation of computational technologies. All the experiences in this broad scope are bound together by the desire to experiment with new forms of and venues for public participation and collaboration in research themes, methods and protocols development.

From 2005 to 2012 he has been involved in the development of the DensityDesign Lab research programs. Here he started and deepened his interest in exploring the role of visual languages and digital data to increase public engagement in complex social issues.

He is Assistant Professor at Universidade de Aveiro. In his courses, he exposes the representational mechanisms of diagrams and maps repurposing them for Design practices. He is part of the Experimental Programme in Political Arts (SPEAP), where he fosters the use of political design as trigger for social change.

His work has been featured in several conferences and exhibitions (MediaLAB Prado – Visualizar; SIGGRAPH Conference; MIT Humanities + Digital Conference, The Art of Network), publications and showcases (Data Flow; Information Graphics; Visual Complexity; Visual storytelling). As a member of the DensityDesign lab, he received a silver and a bronze at the Malofiej-Awards. His works have been selected for the ADI Design Index.

In addition to numerous articles and chapters, he edited two books: *Puissances de l'enquête* and *Atlas du numérique*.

Education

2007-2010 **Ph.D in Industrial Design and Multimedia Communication | Politecnico di Milano**

Title of thesis: *Seeing what they are saying: Diagrams for social complexity and controversies*

Research partners: Laboratorio per la Mobilità e il Trasporto - Politecnico di Milano

Supervisor: Prof. Paolo Ciuccarelli | Tutor: Prof. Roberto Maja

Final grade: *Magna cum Laude*

In my doctoral research I have, firstly, delineated the theoretical role of the design disciplines in addressing and intervening in socio-technical controversies; then, I have produced new research protocols and tools to observe and describe them. By originally connecting Actor-Network Theory and its applied version, Controversy Mapping, with the discipline of Information Visualization, my thesis contributed to open a speculative and applied field for Design research. The research was strongly related to the development of an advanced digital platform for quali-quantitative research methods. The results of the research have been applied to other societal issues. The experience and the skills developed during the research, in mixing digital methods of research and innovative visualization models, let me develop a series of other methods and tools. They are now used by several research groups (MROFL at the Stanford Humanities Center, DMI at University of Amsterdam), institutions (WHO, EFSA) and NGOs (Iridescent Learning, Greenpeace). My thesis started and consolidated the research agenda of the DensityDesign lab, now, one of the worldwide leading lab in the field of Information Visualization. It constituted the connection with leading research authorities in the STS field and a key element for EU funded projects.

1999-2005 **Laurea (5 years | B.Sc + M.Sc) Product Design | Politecnico di Milano, Italy**

Education - Advanced Courses

- 2009 *Ethnography and Discourse analysis* | 50h | Università Bicocca - Milano
- 2008 *Design Semiotics* | 50h | Politecnico di Milano
- 2008 *Methods and models for Decision Making* | 50h | Politecnico di Milano
- 2007 *Analysis of Complex Networks* | 32h | STCC - Società Italiana Caos e Complessità

Awards

- 2021 Special Jury Prize | *Critical Zone: The Science and Politics of Landing on Earth* | FILAF, Perpignagn, FR
- 2021 Best art book | *Critical Zone: The Science and Politics of Landing on Earth* | THE NEW YORK TIMES, New York, US
- 2017 ADI Design Index | AIME; *Reset Modernity!* | Associazione Italiana per il Disegno Industriale, Milano, IT
- 2017 Best Art Theory book | *Reset Modernity!* | FILAF, Perpignagn, FR
- 2012 Silver medal | Malofiej 21 - Society for News Design, Pamplona, ES
- 2011 Bronze medal | Malofiej 20 - Society for News Design, Pamplona, ES

Residencies & Scholarships

- 2017 Research residence | IMÉRA - Institute for Advanced Studies, Marseille, FR
- 2012-2015 Post-Doctoral research fellowship | Sciences Po | médialab, Paris, FR
- 2010-2011 Post-Doctoral research fellowship | Politecnico di Milano, Milan, IT
- 2008 Artist-in-residence | Visualizar'08: Database City - MediaLAB-Prado, Madrid, ES
- 2007-2010 Doctoral research fellowship | Politecnico di Milano, Milan, IT

Languages

Italian, MOTHER TONGUE | English, PROFICIENT | French, PROFICIENT | Portuguese, BASIC

Professional Experience

since 2010

médialab | SciencesPo, Paris, FR | Design Research Lead

I have joined the médialab to collaborate and contribute to Bruno Latour's AIME project. I brought to the médialab my expertise in Design methods and Digital Humanities. I have continued to conduct my research at the crossing of Design and Science and Technology Studies, culminating recently, with the simulation of the MAKE IT WORK and the Reset Modernity! exhibition at ZKM. Design methods are now an integral part of the médialab culture. My commitment to consolidate the disciplinary exchange between STS and design disciplines continues through the FORCAST project where I'm responsible for devising methods and implementing methods to teach STS and Actor-Network Theory to a large and mixed body of students. I have continued to conduct my research at the crossing of Design and STS. By starting the NATURPRADI project, I've reinforced the interest of the lab in Environmental Studies by exploring the nature-city relationship and the resulting new political and public issues. Through a series of self-initiated and funded projects (i.e. Cosy/Flat; Algolithch, DEPT., SHAPING AI), my latest research interests revolve around the effect of computation, algorithms and digital platforms in the public space and their social problematization.

2016-2017

Parsons - The New School of Design, Paris, FR | BBA-SDM Program Coordinator

Within the Parsons School, I was in charge of driving the transdisciplinary Strategic Design & Management Program in the Paris campus. Relying on my hybrid research outlook, I proposed new Design methods—combining service design, participatory practices and strategic management—for addressing the shifting social, political, and ecological context of our society.

2005-2011

DensityDesign Lab, Milan, IT | Researcher

Serving as Vice-Director at the DensityDesign Lab, I have actively fostered the multidisciplinary research agenda of the lab. The DensityDesign lab has become an experimental platform, internationally renowned, where social scientists, semioticians and network scientists are merging their knowledge to study social complex issues.

2005-2010

OfficeMilano, Milan, IT | Co-Founder

OfficeMilano is a small design firm specialized in Brand Identity design and Art Direction. As founder my role was to expand its business providing strategic development guidelines.

2003-2006

McCann-Erickson, Milan, IT | Strategic Planner Jr.

McCann Erickson is one of the world's largest advertising networks. As junior planner I was involved in a medium-small unit, called Luxury Box, devoted to developing innovative communication strategies for luxury brands, expanding and visualizing the various qualitative researches conducted by the unit.

2002-2004

Radar Trend, Milan - IT | Multimedia Jr. Designer

Radar Trend's main business scope is to study and analyze lifestyle trends and future scenarios. As multimedia Art Director my main task was to convey efficiently the results of qualitative and quantitative researches.

Institutional Responsibilities

since 2021

Member of the Editorial Board, Diseña Journal

since 2015

Member of the Research Committee, digital methods @ Montclair, MSU, Montclair, US

since 2014

Member of Advisory Board, Sciences Po | médialab, Paris, FR

since 2013

Member of the Board Committee, Experimental Programme in Political Arts, Sciences Po, Paris, FR

2019-2023

Scientific supervisor, Master Design, Innovation et entrepreneuriat Sciences Po, Paris, FR

2016-2017

Member of the Leadership Committee, Parsons - The New School of Design, Paris, FR

Teaching Appointments Held

- since 2024 Assistant Professor
ÉCOLE DES HAUTES ÉTUDES EN SCIENCES SOCIALES, ÉCOLE NORMALE SUPÉRIEURE - MASTER SCIENCES SOCIALES
Graphiques et langages visuels pour les sciences sociales
- since 2013 Assistant Professor
SCIENCESPO - PROGRAMME D'EXPÉRIMENTATION EN ARTS ET POLITIQUE
Design methods for social inquiry
- SCIENCESPO - GRADUATE PROGRAM IN COMMUNICATION, MEDIA AND CREATIVE INDUSTRIES**
Controversy mapping | Data and Information Visualisation | Design Ontologies
- since 2010 Assistant Professor
UNIVERSIDADE DE AVEIRO - M.SC DESIGN
Representação e Conhecimento
- since 2010 Lecturer
U.PORTO | ID+ INSTITUTE OF RESEARCH FOR DESIGN - PH.D DE ESTUDOS EM DESIGN
Culturas de Convergência nos Media
- 2014-2020 Lecturer
ÉCOLE NATIONALE SUPÉRIEURE DE CRÉATION INDUSTRIELLE
Digital visualization methods for Design research
- 2014-2017 Assistant Professor
PARSONS PARIS - B.SC STRATEGIC DESIGN AND MANAGEMENT | M.SC DESIGN & TECHNOLOGY
Information visualization | Data visualization | Reseach & Development Methods
- 2013-2015 Lecturer
ÉCOLE NATIONALE SUPÉRIEURE DES ARTS DÉCORATIFS - M.SC DESIGN GRAPHIQUE ET MULTIMÉDIA
Critical, Political and Adversarial Design - Open discussion, open methods
- 2011-2015 Research Assistant Professor
POLITECNICO DI MILANO - M.SC COMMUNICATION DESIGN
Metodi e strumenti digitali per la visualizzazione
- 2006-2008 Part-time Faculty
ISTITUTO MARANGONI
Communication design for fashion design

Selected Academic & Applied Research Works

- 2024-2027 **Ecologies of LLMs' Practices** | Funded by Google.Org | Principal investigator
- 2023-2026 **Styles of Moderation** | Funded by McCourt Institute | Principal investigator
- 2023-2026 **FUTURE-OBS : Augmented Observatory for coastal socio-ecosystem** | Funded by ANR-21-OCEAN | Principal investigator
- 2020-2024 **Shaping 21st Century AI: Controversy and Closure** | Funded by 7th OPEN RESEARCH AREA (ORA) scheme |
Principal investigator
shapingai.org
- 2020-2024 **Ground Tests** | Funded by SNF - European Cooperation in Science and Technology | Principal investigator
- 2023 **Trajectories of Engagement** | Principal investigator | Funded by ANR COLLABORA (ANR-18-CE38-0005) |
Principal investigator
- 2019-2021 **Governing online speech: Become a moderator** | Funded by EU – H2020 INFRAIA-01-2018-2019 Grant Agreement n.871042 |
Inquiry Advisor
- 2019-2021 **DEPT.** | Funded by Drugo More, Porto Design Biennale | Principal investigator
dept.today
- 2018-2020 **Cozy/Flat** | Principal investigator
cosyfl.at
- 2020 **Critical Zone** | ZKM Karlsruhe | Editorial Design and Public Engagement program
- Citizen Data** | Funded by Cambridge – Sciences Po Collaborative Research Grants Scheme | Principal investigator
- 2017-2020 **AlgoGlitch** | Funded by CNUM | Principal investigator
alloglitch.smvi.co
- 2016-2019 **NATURPRADI - Nature(s) urbaine(s) en pratique(s) digitale(s)** | Funded by ADEME | Principal investigator
naturpradi.fr
- 2014-2019 **FORCCAST - Formation par la cartographie des controverses à l'analyse des sciences et des techniques** | Design researcher
forccast.hypotheses.org
- 2018 **Ateliers De Politiques Terriennes** | Théâtre Nanterre - Les Amandiers | Design researcher
nanterre-amandiers.com/2017-2018/ateliers-de-politiques-terriennes
- 2017 **Reset Modernity! Shanghai Perspective** | Shanghai Himalayas Museum | Co-Curator
g-u-i.net/projects/reset-modernity-shanghai-perspective
- 2016 **Reset Modernity!** | ZKM Karlsruhe | Co-Curator
zkm.de/en/event/2016/04/globale-reset-modernity
- 2015 **RICARDO - Research on International Commerce** | Data visualization
ricardo.medialab.sciences-po.fr
- 2012-2015 **AIME - An Inquiry into Modes of Existence** | Founded by EC 7th FP | Design researcher
modesofexistence.org

- 2015 **Anthropocene Observatory Explorer** | Commissioned by Armin Linke and Territorial Agency | Designer
zkm.de/en/event/2015/10/globale-exo-evolution
- IDES EV - Identification and analysis of the main drivers for Ebola virus spillover** | Funded by EFSA | Principal investigator
bit.ly/ides_ev
- MAKE IT WORK: the Theater of Negotiations** | Théâtre Nanterre - Les Amandiers | Design researcher
cop21makeitwork.com/simulation
live.dcfvg.com/
github.com/robindemourat/cassiopeia
- 2013-2015 **MEDEA - Mapping Environmental Debates on Adaptation** | Funded by ANR | Designer
tools.medialab.sciences-po.fr/medea-new
- 2011-2014 **EMAPS - Electronic Maps to Assist Public Science** | Funded by EC 7th FP | Design researcher
climaps.eu
emapsproject.com
- From Before The Cradle - Mapping controversies on C-Section and Family Planning** | Funded by WHO | Principal investigator
labs.densitydesign.org/who/home.html
- 2013 **SCIENTIFIC HUMANITIES - SciencesPo MOOC** | Designer
coursera.org/course/sh
- 2012-2013 **TELLTALE - Visualizing urban digital traces** | Design researcher
densitydesign.org/research/telltale-visualizing-urban-digital-traces
- 2011-2012 **LA LETTURA - New languages in data journalism** | Commissioned by Corriere della Sera | Lead designer
densitydesign.org/research/la-lettura
- 2011 **Decode Or Die** | Commissioned by RTI Mediaset | Principal investigator
densitydesign.org/research/link-10-decode-or-die
- NET @ WORK | THE MAP OF THE FUTURE** | Commissioned by Wired Italia | Lead designer
densitydesign.org/research/network
- EXPOMAP** | Commissioned by EXPO2015 Milano | Lead designer
densitydesign.org/research/expo-2015-themes-visualization
- Design Research Maps, Visions Of Academic Design Research** | Commissioned by Sistema Design Italia | Lead designer
densitydesign.org/research/drm
- 2009-2011 **DUST** | Commissioned by Iridescent Learning | Lead designer
densitydesign.org/research/dust
- 2008 **CITYMURMUR** | Sponsored by Madrid MediaLAB Prado | Principal investigator
citymurmur.org
behance.net/gallery/487800/CityMurmur

Scientific Publications

EDITED BOOKS

Cardon, Dominique, Sylvain Parasie, and Donato Ricci, eds. *Atlas du numérique*. Paris: Presses de Sciences Po, 2023.

Aït-Touati, Frédérique, Jean-Michel Frodon, Bruno Latour, and Donato Ricci, eds. *Puissances de l'enquête: L'École Des Arts Politiques*. Paris: Éditions Les Liens qui libèrent, 2022.

BOOK CHAPTERS

Ricci, Donato. 'Des Exercices'. In *Puissances de l'enquête: L'École Des Arts Politiques*, edited by Frédérique Aït-Touati, Jean-Michel Frodon, Bruno Latour, and Donato Ricci. Paris: Éditions Les Liens qui libèrent, 2022.

Ricci, Donato. 'Developing Images into Voices of Concern'. In *INNOVATION IN PRACTICE (IN THEORY)*, edited by Valeria Federighi, Elena Todella, Caterina Quaglio, Andrea Alberto Dutto, Daniele Campobenedetto, and Caterina Barioglio, ORO Editions. Novato, CA, 2022.

Meunier, Axel, Jonathan Gray, and Donato Ricci. 'A New AI Lexicon: Algorithm Trouble'. In *A NEW AI LEXICON*, edited by AI Now Institute, 2021. <https://ainowinstitute.org/publication/a-new-ai-lexicon-algorithm-trouble>.

de Mourat, Robin, and Donato Ricci. 'Mettre En Forme l'enquête'. In *Controverses Mode d'emploi*, edited by Clémence Seurat and Thomas Tari, 289–96. Paris: Presses de Sciences Po, 2021.

Ricci, Donato, calibro, and óbelo. 'Cozy/Flat'. In *City Killers. Per Una Critica Del Turismo*, edited by Lucia Tozzi, Libria / Campo., 45–50. Melfi, 2020.

Perondi, Luciano, Marco Ferrari, and Donato Ricci. 'A Dictionary of Visual Analogies'. In *2CO - Communicating Complexity*, edited by Nicolò Ceccarelli and Carlos Jiménez-Martínez, 86–93. Tenerife: Universidad de La Laguna, 2020.

Ricci, Donato, Robin De Mourat. 'How does a format make a public? The production of transdisciplinary collectives through distributed publishing strategies'. In *Old Traditions & New Technologies: The Pasts, Presents, and Futures of Open Scholarly Communication*, edited by Jonathan Gray and Martin Eve. Cambridge: MIT Press, 2020.

de Biase, Alessia, and Donato Ricci. 'Articuler Les Temps et Les Présences de La Nature Urbaine : Une Méthode Contemporaine'. In *Territoires Durables : De La Recherche à La Conception*, edited by Solène Marry, 33–50. Paris: Editions Parenthèses/ADEME, 2018.

Ricci, Donato, Robin De Mourat, Christophe Leclercq, and Bruno Latour. 'Indices. Anomalies. Compréhension. Détecter Les Attentes et Les Conventions Émergentes Des Humanités Numériques à Travers Le Projet EME'. In *Design de Systèmes Hypermédia Interactifs*, edited by Everardo Reyes-Garcia and Nasreddine Bouhaï, ISTE Editions., 191–215. Paris: Iste Editions, 2017.

Ricci, Donato. 'Don't Push That Button!' In *Reset Modernity!*, edited by Bruno Latour. Cambridge: MIT Press, 2016.

Ricci, Donato. 'Linguaggi e Proiezioni Cartografiche Del Territorio: Dal Panorama Del Reno Alle Orme Digitali'. In *Architettura e Turismo*, edited by Luigi Coccia. Milano: Franco Angeli, 2012.

Ricci, Donato, Paolo Ciuccarelli, and Giorgio Caviglia. 'Dust. La Multidimensionalità Del Dato e La Sua Visualizzazione'. In *DRM - Design Research Maps Visions of Academic Design Research in Italy*, edited by Paola Bertola and Stefano Maffei. Maggioli, 2010.

Ricci, Donato. 'Design and Visualization. Diagrammatic Tools for Complexity'. In *Designing Connected Places*, edited by Eleonora Lupo and Cristian Campagnaro. Milano: Editrice Compositori, 2009.

Ricci, Donato, and Paolo Ciuccarelli. 'Complexity Maps'. In *Designing Connected Places*, edited by Eleonora Lupo and Cristian Campagnaro. Milano: Editrice Compositori, 2009.

Ricci, Donato, Giorgio Caviglia, Marco Quaggiotto, Gaia Scagnetti, Michele Graffieti, Samuel Granados Lopez, and Daniele Guido. 'New Maps from the Media-City. CityMurmur as a Tool for the Visualization of Urban Space'. In *Nouvelles Cartographies, Nouvelles Villes. HyperUrbain.2*, edited by Zreik Khaldoun. Paris: Europa Productions, 2009.

JOURNAL ARTICLES

Gourlet, Pauline, Donato Ricci, Maxime Crépel. Reclaiming artificial intelligence accounts: A plea for a participatory turn in artificial intelligence inquiries. *Big Data & Society*, no. 11 (2024): 2.

Gray, Jonathan, Liliana Bounegru, Richard Rogers, Tommaso Venturini, Donato Ricci, Axel Meunier, Michele Mauri, et al. 'Engaged Research-Led Teaching: Composing Collective Inquiry with Digital Methods and Data'. *Digital Culture & Education* 14, no. 3 (2022): 55–86.

Ricci, Donato, calibro, Duncan Evennou, and Benoît Verjat. 'Developing Online Images. From Visual Traces to Public Voices'. *Diseña*, no. 19 (2021): 1–26.

Ricci, Donato, and Jamie Allen. 'Testing Against the World'. *Diseña*, no. 16 (2020).

Ricci, Donato. 'Tensing the Present. An Annotated Anthology of Design Techniques to Compose Political Representations'. *Diseña*, no. 14 (2019).

Meunier, Axel, Donato Ricci, Dominique Cardon, and Maxime Crépel. 'Les glitches, ces moments où les algorithmes tremblent'. *Techniques Culture*, no. 72, no. 2 (2019): 200–203.

Ricci, Donato, Robin de Mourat, Christophe Leclercq, and Bruno Latour. 'Clues. Anomalies. Understanding. Detecting Underlying Assumptions and Expected Practices in the Digital Humanities through the AIME Project'. *Visible Language* 49, no. 3-Critical Making. *Design and the Digital Humanities* (2015): 35.

Venturini, Tommaso, Donato Ricci, Michele Mauri, Lucy Kimbell, and Axel Meunier. 'Designing Controversies and Their Publics'. *Design Issues* 31, no. 3 (July 2015): 74–87.

Ricci, Donato. 'Documenti Di Scena.' *Progetto Grafico*, no. 23 (2013): 98–105.

Azzi, Matteo, Giorgio Caviglia, Donato Ricci, Paolo Ciuccarelli, Emanuele Bonetti, and Loredana Bontempi. 'Dust: A Visualization Tool Supporting Parents' School-Choice Evaluation Process'. *Parsons Journal for Information Mapping* 3, no. 4 (2011).

Graffieti, Michele, Gaia Scagnetti, Donato Ricci, Luca Masud, and Mario Porpora. 'Tell Them Anything but the Truth: They Will Find Their Own. How We Visualized the Map of the Future with Respect to the Audience of Our Story'. *Leonardo* 44, no. 3 (2011): 250–251.

Ricci, Donato. 'In Poche Parole. Brevi Note Sulla Storia Dei Linguaggi Visuali'. *LINK - Idee per La Televisione*, no. 10 (2011): 143–53.

Scagnetti, Gaia, and Donato Ricci. 'Diagrammi Generativi'. *Lineagrafica*, no. 365 (2006): 58–65.

SELECTED PEER-REVIEWED CONFERENCES

Ricci, D., Colombo, G., Cointet, J.P., Rankovich, A. (2018). Enrolling nature in the smart city. Discourses and imaginaries from Paris. In *Annual international conference - Royal Geographical Society*. 2018. Cardiff.

Ricci, Donato, Agata Brilli, and Roberta Tassi. 'Repurposing Digital Methods for Human-Centered Design. Distilling Data-Driven Personas from Twitter Discussions: The Case of Urban Nature in Paris'. In *DRS 2018. Catalyst*, 4:1384-1409, 2018.

Tassi, Roberta, Agata Brilli, and Donato Ricci. 'Digital Methods for Service Design. Experimenting with Data-Driven Frameworks'. In *ServDes2018 - Service Design Proof of Concept*. Milano, 2018.

Ricci, Donato, Gabriele Colombo, Axel Meunier, and Agata Brilli. 'Designing Digital Methods to Monitor and Inform Urban Policy. The Case of Paris and Its Urban Nature Initiative'. In *3rd International Conference on Public Policy (ICPP3)*, 2017.

Girard, P., Dedinger, B., Ricci, D., Ooghe, B., Jacomy, M., Plique, G., & others. (2016). RICardo Project: Exploring XIX century international trade. In *Digital Humanities 2016 proceedings*. Kraków.

De Mourat, R., Donato Ricci, and Pierre Laurent Boulanger. 'AIME: Opening the Context of a Humanities Inquiry'. In *Diz2014 - Digital Intelligence | Intelligences Numériques*, 2014.

Ricci, Donato. 'Seeing What They Are Saying: Diagrams for Socio-Technical Controversies'. In *DRS2010 - Design & Complexity Proceedings*, edited by David Durling, Rabah Bousbaci, Lin-Lin Chen, Philippe Gauthier, Tiiu Poldma, Seymour Rowoth-Stokes, and Erik Stolterman. Montreal, 2010.

Masud, Luca, Francesca Valsecchi, Paolo Ciuccarelli, Donato Ricci, and Giorgio Caviglia. 'From Data to Knowledge - Visualizations as Transformation Processes within the Data-Information-Knowledge Continuum'. In *2010 14th International Conference Information Visualisation*, edited by Ebad Banissi, Stefan Bertschi, Remo Burkhard, John Counsell, Mohammad Dastbaz, Martin Eppler, Camilla Forsell, et al., 445-49. London: IEEE, 2010.

Valsecchi, Francesca, Paolo Ciuccarelli, Donato Ricci, and Giorgio Caviglia. "The DensityDesign Lab: Communication Design Experiments among Complexity and Sustainability". In *Cumulus Conference "Young Creators for Better City and Better Life"*, 180-186, 2010.

Valsecchi, Francesca, Paolo Ciuccarelli, Donato Ricci, and Giorgio Caviglia. 'A Didactical Framework to Experiment the Potential of Visual Languages in Engaging Social Complexity'. In *DRS2010 - Design & Complexity Proceedings*, edited by David Durling, Rabah Bousbaci, Lin-Lin Chen, Philippe Gauthier, Tiiu Poldma, Seymour Rowoth-Stokes, and Erik Stolterman. Montréal, 2010.

Quaggiotto, M, G Caviglia, M Graffieti, S Granados Lopez, D Guido, D Ricci, G Scagnetti, and others. 'Citymurmur'. In *Emerging Technologies. SIGGRAPH*, 2009.

Ricci, Donato, Paolo Ciuccarelli, and Francesca Valsecchi. 'Handling Changes Trough Diagrams: Scale and Grain in the Visual Representation of Complex Systems'. In *Changing the Change proceedings*, edited by Carla Cipolla and Pier Paolo Peruccio. Turin: Allemandi, 2008.

Scagnetti, Gaia, Donato Ricci, Giovanni Baule, and Paolo Ciuccarelli. 'Reshaping Communication Design Tools. Complex Systems Structural Features for Design Tools'. In *IASDR07 proceedings*, edited by Sharon Poggenpohl. Hong Kong, 2007.

REPORT

Gourlet, P., Ricci, D., Crépel, M., Meunier, A., Barret-Betelloni, M. (2023). PRISES, MÉ.PRISES, EM.PRISES, DÉ.PRISES, RE.PRISES... Les formes de participation au développement de l'IA en France.

Ricci, D., & Grotto, E. (2015). Identification and analysis of the main drivers for Ebola virus spillover. EFSA Supporting Publications, 12(7). efsa-q-2014-00857

Selected Invited Communications & Workshops

- Apr 09
2024 KEYNOTE - What Methods Do - International Symposium on Artistic Research Methods | Tilburg, NL
methods · protocols techniques · exercises
- May 04
2022 PANEL SPEAKER - 72nd Annual Conference of the International Communication Association (ICA) | Paris, FR
AI's Humans: The Case of the French Press
- Oct. 06
2021 ROUNDTABLE - 4S Conference | Toronto, CA
Shaping AI: Who's Afraid of Big Methodological, Historical, Political Questions? (w./ N. Marres, J. Robèrge, M. Castelle, C. Katzenbach, F. McKelvey, D. Ricci, P. N. Edwards, M.-J. Meurs, M. Tironi, G. Danduran)
- Feb. 04
2020 KEYNOTE - SCIENCE X DESIGN | Paris, FR
Design & Digital Social Science: a crossover
- Nov. 19-21
2020 KEYNOTE - TERRA EFFLUVIENS - EXCAVATING THE LOST DIAGRAMS OF THE ANTHROPOCENE | Rijeka, KR
What is the city asking nature to do?
- Nov. 09
2018 KEYNOTE - DIGICOM, II International Conference on Design and Digital Communication | Braga, PT
Tensing The Present: Design And Political Representation
- Nov. 01-03
2018 WORKSHOP - SCHOOL OF SCHOOLS, 4th Istanbul Design Biennial | Istanbul, TK
Teaching Lies
- Sep. 19
2018 KEYNOTE - IV BAU DESIGN FORUM. Political Design. | Barcelona, ES
This Now Here: the political life of fragile contemporary entities
- Jul. 07
2018 KEYNOTE - MATTER OF IDENTITY | Naba | Milano, IT
Calculated Identities. Abstract representation with sensible effects
- Jun. 30
2018 KEYNOTE - NETWORK EFFECT | Drugo More | Rijeka, KR
Protocol for a useful uselessness
- Jun. 23
2018 KEYNOTE - TECH TALK @ THE DOCK | Fjord | Dublin, IR
Human methods for calculated publics
- May 14-18
2018 WORKSHOP - TRAINING DAYS @ ISIA | Urbino, IT
Fast Cooking
- Sep. 20
2017 MIGRATION AND GLOBAL JUSTICE | International Metropolis Conference 2017, | The Hague, NL
Walking Duindorp
- Jul. 03-07
2017 KEYNOTE - DIGITAL METHODS INITIATIVE SUMMER SCHOOL | University of Amsterdam | Amsterdam, NL
The Materiality of Diagrams

- Aug. 08-17
2016 WORKSHOP - DIGITAL TRACES I: META-MORPHOLOGIES OF ST. PETERSBURG | Summer Lab @ The Science and Technology Studies Center at European University | St Petersburg, RU
- Jun. 01-03
2016 KEYNOTE - MEDIA ECOLOGIES: INFORMATION, DISTRIBUTION, KNOWLEDGE IN ENVIRONMENTAL HUMANITIES | Ruprecht-Karls-University Heidelberg, Heidelberg, DE
AIME: A Creative Laboratory For The Humanities
- May 05-09
2016 EXPERT WORKSHOP NETWORK VISUALISATION IN THE CULTURAL HERITAGE SECTOR | DH Benelux conference | Luxembourg, LX
Narrating Networks
- Sep. 23-24
2015 WORKSHOP - MAPPING COMPLEXITY IN SOCIAL SCIENCES: BIG DATA, SOCIAL MEDIA & DATA VISUALIZATION | Montclair State University | Montclair, US
A primer on Digital Methods
- Aug. 21
2015 KEYNOTE - ASP - SUMMER SCHOOL: MAPPING THE TRANSFORMATION: MIRAFIORI REFRAMED | Sestriere, IT
Design perspectives on Information Visualization
- May. 20
2014 HUMANITIES+DESIGN | CESTA @ Stanford University | Stanford, US
The AIME project: an experiment in digital close reading for a philosophical enquiry
- Apr. 15
2014 KEYNOTE - BEYOND MOBILE - ECRANS-MOBILE-BUTOR | Study day organised by the École Supérieure d'Art et Design Grenoble, Valence | Gaîté Lyrique | Paris, FR
The AIME project: a digital mediated inquiry and its implication for Digital Humanities
- Apr. 20-27
2013 KEYNOTE - DESIGN INTERNATIONAL. Université du Québec à Montréal | Montréal, CA
Visualizing for understanding
- Jun. 25-30
2012 WORKSHOP - BEIRUT DESIGN WEEK. | Beirut, LB
INFOVIS WS: The Guardian Panorama on Lebanon
- Dec. 12-17
2011 WORKSHOP - BETTER NUVEAU. In collaboration with Nodebox.net | Torino, IT
Dataviz: Visual Representation Of Complex Phenomena
- Oct. 12-14
2011 NACIS 2011. Cartography & Information Design: How does design make a difference? | Madison, US
Dust - Where does my child go to school? Supporting parents decision with a georeferenced visualization tool
- Jun. 20-21
2011 WORKSHOP - Frontiers of Interaction | Firenze, IT
Visualizing and understanding society between ethics and aesthetics
- Jun. 9
2011 LECTURES OF THE SCHOOL OF ADVANCED STUDIES | Ph.D school UNICAM | Ascoli Piceno, IT
Digitalism - New Maps for These Territories
- May 7-12
2011 WORKSHOP - Chulalongkorn University, CommDe. Bangkok, TH
Engines of findings: A Data (Re)Materialization Experience
- Apr. 13-16
2011 KEYNOTE - INTERDISCIPLINARY SOCIOPATTERNS workshop @ IMÉRA | Marseille, FR
Network visualization: do we need graphs anymore?
- Mar. 16
2011 KEYNOTE - Stanford Humanities Center | Mapping the Republic of Letters | Venezia, IT
Digital Macroscopic: A Journey Around Visualization Tools
- Oct. 28-30
2010 WORKSHOP - 6th Swiss Design Network Conference | Basel, CH
Versus: Diagrams and visualization to observe Social Complexity

- May 5-12 2010 **KEYNOTE - WORLD GRAPHIC DAY COMMEMORATION WORKSHOP** | Universidade de Aveiro | Aveiro, PT
Visualizing environmental discourse in design issue
- May 20-22 2010 **HUMANITIES + DIGITAL** | Visual Interpretation Conference | Aesthetics, Methods, and Critiques of Information Visualization in the Humanities, Arts, and Social Sciences, MIT | Cambridge, US
CityMurmur.
- May 10-14 2010 **ARTS | HUMANITIES | COMPLEX NETWORKS - NETSCI2010** | BarabásiLab - Northeastern University | Boston, US
Tell them anything but the truth: they will find their own
- Aug. 3-9 2009 **SIGGRAPH** | Emerging Technologies Experiences. | New Orleans, US
CityMurmur

Tools, applications & software

- 2020 **FONIO** | Online collaborative scholarly writing
<https://fonio.medialab.sciences-po.fr/demo>
- 2020 **TESSELLE** | Large format and high definition images exploration and annotation
medialab.github.io/catwalk
- 2016 **CATWALK** | Curation tool for Twitter corpora
medialab.github.io/catwalk
- 2015 **SEEALSOLOGY** | Exploring Wikipedia pages link environment
tools.medialab.sciences-po.fr/seealsoology
- 2014 **DICTO** | Web app for “soft-cut” video montages
<https://dictoapp.github.io/dicto/>
- 2011 **FINEO** | Web app for Sankey diagrams
densitydesign.org/research/fineo
- 2009 **TURTLE · VERSUS · SVEN** | Analyzing and visualizing digital text corpora
densitydesign.org/research/turtle
densitydesign.org/research/versus