

## **Prof. Paolo Ciuccarelli**

Professore Associato | Politecnico di Milano

Direttore Scientifico | DensityDesign Research Lab

Laureato in Architettura nel 1996, dopo un periodo di studi presso l’Institute d’Arts Visuels, Orleans (F) dal 2006 è Professore Associato presso il Politecnico di Milano dove insegna regolarmente dal 1999 nei Corsi di Laurea di primo e secondo livello in Design della Comunicazione.

Nel 2012 è eletto coordinatore del Corso di Studi in Design della Comunicazione, che coordina tuttora dopo la rielezione per il secondo mandato nel 2016. Nel 2014 acquisisce l’abilitazione nazionale per il ruolo di professore ordinario.

E’ co-editor del journal “Big Data and Society” (editore SAGE) dal 2014; è *visiting lecturer* presso Universidad de Malaga (E), ENSCI Les Ateliers (F), Glasgow School of Art (UK), The Royal Institute of Art – School of Architecture (SW), the British Higher School of Art and Design in Moscow (RUS), the Stanford Humanities Centre (CA, U.S.), China Central Academy for Fine Arts (CAFA), Beijing – RPC e Royal College of Arts – London, UK.

Membro del collegio del dottorato in Design (Politecnico di Milano) è titolare del corso dottorale “Public Engagement with Science and Technology”. La sua attività di ricerca è focalizzata sullo sviluppo di metodi e interfacce per la visualizzazione dei dati e l’Information Design, con lo scopo di potenziare i processi cognitivi a supporto dei processi decisionali in ambienti e problemi complessi.

Nel 2004 avvia il progetto *DesignNet* ancora presso il dipartimento di Design del Politecnico, con lo scopo di sviluppare strumenti e metodi per la gestione delle informazioni e della conoscenza nei processi progettuali. La piattaforma web risultante (*Design Catalogue, Design Thesaurus and Design Directory*) è stata testata e implementata in *POLIteca*, il *Design Knowledge Center* del Politecnico di Milano, che ha fondato e di cui è stato direttore scientifico fino al 2011, quando è iniziato il processo di integrazione nel sistema bibliotecario di ateneo.

Insegna dal 2004 Information Design e Data Visualization, e nel 2006 fonda il laboratorio di ricerca DensityDesign di cui è tuttora direttore scientifico. L’attività di ricerca del laboratorio e personale riguarda la progettazione e lo sviluppo di interfacce visuali per la rappresentazione e la gestione di fenomeni sociali, urbani e organizzativi complessi.

Nel 2010 il laboratorio DensityDesign sigla un accordo quadro di ricerca con il MediaLab di Sciences-Po (Paris) – diretto dal prof. Bruno Latour – per collaborare nello sviluppo di strumenti e metodi per la esplorazione visuali di contenuti web nel quadro teorico e metodologico della Cartografia delle Controversie. Un momento importante nel dialogo sempre più intenso con le discipline umanistiche e sociali.

I risultati delle ricerche condotte dal laboratorio di ricerca DensityDesign sono state pubblicate in libri e riviste di editori internazionali come (tra gli altri): »A Map of the World. The World According to Illustrators and Storytellers« (2013), »Cause and Effect. Visualizing Sustainability« (2012), »Data Flow 2« (2010), »Visual Storytelling« (2011) all published by Gestalten; »Understanding the World. The Atlas of Infographics« (2014), »Information Graphics« (2011) both published by Taschen; »Visual Complexity« (2011) pubblicato da Princeton Architectural Press.

Dal 2010 Paolo Ciuccarelli è Project Affiliate nella iniziativa »Mapping the Republic of Letters« initiative, lanciata nel 2008 e coordinata dallo Stanford Humanities Centre, CA, USA:

(<https://republicofletters.stanford.edu/>). Nel 2015 è eletto leader del *working group* »Data Visualization and Communication« (WG6) nella COST Action “Reassembling the Republic of Letters” coordinata dall’università di Oxford ([http://www.cost.eu/COST\\_Actions/isch/Actions/IS1310](http://www.cost.eu/COST_Actions/isch/Actions/IS1310) - <http://www.republicofletters.net/> ).

## Insegnamento

Dal **2002** è titolare del laboratorio didattico "Laboratorio di Metaprogetto", 2° anno, laurea triennale in Design della Comunicazione – Politecnico di Milano (*tematiche: branding e metadesign*)

Dal **2004** è titolare del laboratorio di sintesi finale, 2° anno, laurea magistrale in Design della Comunicazione – Politecnico di Milano (*tematiche: Data e Information Visualization per la Complessità*) - <http://www.densitydesign.org/teaching/>

Dal **2009** è titolare del corso “Going Public. Public Engagement with Science and Technology” presso il dottorato in Design del Politecnico di Milano

## Ricerca finanziata | istituzioni pubbliche

**2015** »[FIRE] Fighting Illicit Firearms Trafficking Routes and Actors at European Level« – finanziato da 7FP EU (24 mesi - *in corso*)

**2012-15** »Geomedia. Observatory of International Geomediatric Flows« - finanziato da Agence Nationale de la Recherche, Paris – F. 2011 (36 mesi - *in corso*) - <http://geomedia.hypotheses.org/>

**2014-15** »Milano Hub« finanziato da Politecnico Di Milano – *understanding the role of Milano through both structured-statistical and non structured-social media data* (12 mesi)

**2014-15** »CitySensing« + »CityDataFusion« - EIT-ICT Labs, finanziato da EU 7<sup>th</sup> Framework Program (24 mesi)

**2011-14** »EMAPS. Electronic Maps to Assist Public Science« - EU 7<sup>th</sup> Framework Program Collaborative Projects, SiS.2011.3.0.6-1 Science-Society “Interaction in the Digital Technologies era Program” insieme a Fondation Nationale des Sciences Politiques (Sciences Po), F; University of Amsterdam UvA, NL; Institute of Spatial Planning, University of Dortmund TUDo, D; Barcelona Media BM, E; The Young Foundation, UK. (36 mesi) - <http://climaps.eu/>

**2013** »The Law Factory« – finanziato da Institutions-Citizens Partnership (PICRI) - Region Île-de-France (F) (5 mesi) - <http://www.lafabriquedelalois.fr/>

»Contropedia. Real time analysis and visualization of controversies around Wikipedia articles« in the frame of the Network of Excellence in Internet Sciences (EINS), finanziato da 7FP EU (12 mesi) - <http://contropedia.net/>

**2012-13** »Telltale. Urban Digital Footprints« finanziato da Politecnico di Milano

**2009-10** »Urban School Needs Map« coordinated by Iridescent Learning, finanziato da the Office for Naval Research (ONR) and National Science Foundation (NSF) - Informal Science Education Grant (24 mesi)

**2004-05** »EMUDE. Emerging User Demands for Sustainable Solutions« - EU 6<sup>th</sup> Framework Program (24 mesi)

## Ricerca finanziata | organizzazioni private

**2015-16 BestWestern -**

**2014-15** Orange Sa – Paris (F), »Orange API Toolbox« (*esplorazione visuale di dati provenienti da telefonia mobile*)

**2014-15** Triennale Di Milano, »Expo Gate Visual Storytelling« (*una serie di 6 data-based motion graphics come trailer e introduzione per Expo2015*)

**2013-14** World Health Organization (WHO) – Ginevra (CH), »Cartography of Controversies« (*una piattaforma per l’analisi visuale attraverso il Web del dibattito pubblico e della percezione pubblica di alcune tematiche legate alla salute della riproduzione – e posizionamento di WHO rispetto ad essi*)

- 2014** Telecom Italia – Trento (I), »Dashboard Big Data Mashup« (*una dashboard per policy makers per l'analisi di dati provenienti da dispositivi mobili e da Social Media*)
- 2013** Stanford University – Stanford (CA, U.S.), »Athanasius Work Plan« (*sviluppo di uno strumento visuale per supportare la ricerca nelle Digital Humanities*)
- 2013** Telecom Italia – Trento (I), »Big Data Mashup« (*integrazione e visualizzazione di dati provenienti da telefonia mobile e Social Media*)
- 2012** Egis Concept/Elioth – Paris (F), »ReForMe« (*una applicazione visuale per la esplorazione dei flussi di energia nella città di Parigi*)
- 2012** ShiftN cvba – Heverlee (B) »SVEN - Development Of Discursive Maps Of The Flemish Sustainable Materials Management Arena« (*design e sviluppo di uno strumento visuale per l'analisi di un corpus di testi relativo al ciclo della gestione dei rifiuti in Belgio*)
- 2011** CSI Piemonte – Torino (I), »Data Storytelling« (*due applicazioni Web per la visualizzazione degli Open Data della Regione Piemonte*)

### Servizio

- 2012** – Coordinatore del Corso di Studi in Design della Comunicazione al Politecnico di Milano
- 2006** -- Membro del collegio del Dottorato in Design al Politecnico di Milano
- 2004** -- Coordinatore locale per il Politecnico di Milano del Master of European Design -  
<http://www.masterofeuropeandesign.com/>
- 2003-2011** Direttore scientifico di *POLItaca – Design Knowledge Center*, Politecnico di Milano

### Conferenze

- 2016** Membro del Program Committee per »Information+«, Vancouver (June 16-18) -  
<http://informationplusconference.com/>
- 2015** Member of the Program Committee and Chair of the track »Disseminating/Communicating« at CUMULUS 2015 »The Virtuous Circle“ international conference (June 3-7) -  
<http://cumulusmilan2015.org/>
- Member of the Program Committee at DesForM 2015 »Aesthetics Of Interaction: Dynamic, Multisensory, Wise« 9th International Conference on Design and Semantics of Form and Movement (October 13-17) - <http://www.desform2015.polimi.it/>
- Organizer of the »Data Visualization« panel at ARS’15 *Large Networks and Big Data: New Methodological Challenges* Fifth International Workshop on Social Network Analysis -  
<http://www.ars15.unisa.it/>
- 2014** member of the steering committee at FTA 2014 *Engage today to shape tomorrow* 5th International Conference on Future-Oriented Technology Analysis, organized by the Joint Research Center of the European Commission - <https://ec.europa.eu/jrc/en/event/site/fta2014/steering-committee>
- reviewer at ACM CHI 2015 »Crossings« international conference - <http://chi2015.acm.org/>
- 2011** member of the jury at Malofjei 19 Infographics Award, the ‘Pulitzer of Infographics’ -  
<http://www.malofiejgraphics.com/jury/>

### Altro

- 2014** -- Co-Editor per »Big Data & Society« journal - SAGE Publications - <http://bds.sagepub.com/>
- 2014** Membro del Expert Panel per la valutazione dei progetti di ricerca per *Research Foundation Flanders (FWO)* - <http://www.fwo.be/en/fellowships-funding/research-projects/>
- 2011** -- Scientific Institutional Partner e Reviewer per “International Journal of McLuhan Studies” -

<http://www.mcluhanstudies.com/>

- 2011 "Evaluation Counselor" per The MacArthur Fellows Program - MacArthur Foundation, Chicago - IL, U.S. - <http://www.macfound.org/programs/fellows/>
- 2010-12 Tutor per il programma *EU-Science and Technology Fellowship China*, Intake2, per il progetto di ricerca »Communication Strategies for Sustainable Social Innovation. The Design Approach to Systemic Knowledge and Living Heritages«

### **Tutor tesi di dottorato**

*Anno di discussione*

(in corso) Angeles Briones, *The role of Data Visualization in Social Innovation and Grass-roots initiatives (tentative)*

(in corso) Gabriele Colombo, *Images as data. How to build insights and new knowledge with it (tentative)*

- 2015 Michele Mauri, *Design of the un-finished. Information visualization in mapping social issues through the web* (external examiner: prof. Richard Rogers, UvA)  
Azzurra Pini, *The visualization of Complex Organizational Processes (tentative)*
- 2014 Giorgia Lupi, *Visualizing the user generated city: exploring the potentiality of emergent geo-social media applications as a novel source of urban knowledge* (external examiner: prof. Andrew Vande Moere, KU Leuven)
- 2013 Giorgio Caviglia, *The design of heuristic practices. Rethinking communication design in the digital humanities* (external examiner: prof. Giovanna Ceserani, Stanford Humanities Center)
- 2012 Luigi Farrauto, *The Image of the City: Jerusalem and the Stratification of Sense* (external examiner: prof. Carlo Ratti, SENSEable City Lab - MIT)
- 2010 Donato Ricci, *Seeing What They Are Saying. Diagrams for Socio-Technical Controversies*
- 2009 Francesca Valsecchi, *Collaborative Design Knowledge: networks as a model for shared creative activities*

### **Relatore di tesi nel Corso di Laurea magistrale in Design della Comunicazione (più di ottanta tesi seguite) Una selezione dai lavori più recenti (con temi e parole chiave)**

- 2014 Federica Fragapane, *A visual exploration of the Mafia in the North of Italy. Data Visualization as a support tool for understanding criminal organizations* – pubblicata anche qui:  
<http://www.storybench.org/how-federica-fragapane-visualized-organized-crime-in-northern-italy/> - (Computational Linguistic)
- Giulio Fagiolini. *The big picture. A visual exploration of the reciprocal image of Italy and China observed through the lens of digital methods* - featured here: <http://visualoop.com/29518/cool-interactive-experiments-of-2014> - (Digital Methods + Computational Sociology)
- Giovanni Magni, *Borders. A geo-political atlas of the movie industry* - <http://j.mp/1DrXner>
- Maria Luisa Bertazzoni, *SHINE. Shaping Innovation Networks* (Business Process Modeling)
- 2013 Martina Elisa Cecchi, *Visualizing controversies in Wikipedia. The case of Family Planning* - <http://j.mp/1DrYkTO> (Computational Sociology)
- Benedetta Signaroldi, *The Role of Design in the Cartography of Controversies* (Computational Sociology)
- Tommaso Renzini, *Hashtlas. A cultural map of Milano through the digital traces* (Social Media Data)

Valerio Pellegrini, *Minerva. Data Visualization to support the interpretation of Kant opera* (DH)

Giorgio Ubaldi, *Knot. Visual interfaces to explore social networks in historical research* (DH)

## **Premi e riconoscimenti**

**2011-12** Gold e Bronze medals in *Features Portfolio e Science, Technology, Medical and Health Issues* in *Malofiej - International Infographics Award*, XIX - XX ed. – Pamplona

**2011** »DRM. Design Research Maps« premiata con il *Compasso d'Oro*, XXII ed., ADI - Industrial Design Association

menzione d'onore al *Lucky Strike Talented Designers Award* – Raymond Loewy Foundation – come relatore della tesi »Tunescape«

**2008** menzione d'onore al *Compasso d'Oro Award*, XXI ed., ADI - Industrial Design Association, con il progetto di ricerca »EMUDE. Emerging User Demands for Sustainable Solutions«

## **Talks (invitato)**

**2016** »Eyeo« - Minneapolis, MN - <http://eyefestival.com/speakers/>

**2015** »Information + Visualization Series« - Potsdam University of Applied Sciences (D) - <http://infovis.fh-potsdam.de/>

**2014** »Beyond Data Visualization: (Communication) Design Tactics to Embrace Complexity« at *Conference of European Statistics Stakeholders* – Rome (I)

»Engage Today to Shape Tomorrow« – European Commission, Brussels (B) – <http://j.mp/1FtfzUx>

»Open Data Visualization« at *Raw Open Data* – Instituto Pedro Nunez, Coimbra (P) – <http://rawopendata.ipn.pt/>

»Beyond Visualization. Designing meaning through data (visual) experiences« per *Show me the Data!* – University of Amsterdam (NL) – <http://j.mp/1LRka78>

»Logo as Method. Building the Identity of Big Data and Society Journal« at *Big Data Practices*. Panel with the Journal Editorial Team, Big Data & Society (SAGE), *The Design & Social Science Seminar Series 2013-14*, Goldsmiths University, London (UK) - <http://www.gold.ac.uk/csisp/events/csispevents2013-2014/>

**2013** »Data, Design and Society. From Visualization to Action« at *FAST FORWARD. Design Practice and Education in the Near Future* – Glasgow School of Arts

»Arts, Humanities, and Complex Networks« - 4th Leonardo Satellite Symposium presso NetSci2013, Copenhagen (DK) [Keynote Speaker] - <http://artshumanities.netsci2013.net/>

»The Future of (Information) Design. A Romance of Many Dimensions« presso *The Future of Design*, Frog Design, Milano (I)

»Design + Humanities. (Re)thinking Communication Design in the Digital Humanities« presso *Digital Humanities: Current state and Future challenges*, Fondazione Bruno Kessler (FBK), Trento (I) - <http://dh.fbk.eu/events/dh-workshop-memory-emanuele-pianta>

**2012** »Designing Data Experiences: from flatland to interaction and engagement« presso *Interactive Beijing*, Beijing (P.R.C.) -

»Macroscopes. Designing Visual Tools to Help People Understand and Make Sense of Complex Phenomena« presso ENSCI Les Atelier – Paris (F)

»Visual Explorations for Design Research«, presentazione interna, IDEO, Munich (D)

»Why Design + Humanities?« at *Early Modern Time and Network*, a Humanities + Design Research Workshop, Stanford Humanities Center

- 2011** »The Aesthetic of Conversations« at *Malofiej 19 World Infographic Summit*, Universidad de Navarra, Pamplona (E) - <http://www.snd-e.com/malofiej/cumbre/2011>
- »Visualizing Uncertainty«, Stanford University (CA, USA)
- »Visualizing for Understanding. The design perspective« at *Mapping the Republic of Letters Conference + Meeting*, Giorgio Cini Foundation, Venezia (I)
- 2009** *TEDx Lake Como*, 1st Italian ed. of TED Conference, Como (I)
- Living with Information: Architecture & Visualization* – Fach Hochschule Potsdam (D)

### Mostre (lavori del laboratorio DensityDesign)

- 2012** »GeoCity-SmartCity« at China Millennium Monument Museum of Digital Arts (CMoDA), Beijing – RPC, Sept-Oct
- »The Art of Networks« at Foosaner Art Museum, Florida Institute of Technology in the frame of *CompleNet 2012. 3rd Workshop on Complex Networks*, Mar. - <http://j.mp/TRGJMz>
- »ExpoViz« at Campus des Cordeliers, Paris (F) - <http://expoviz.fr/exposition>
- 2011** »1906-2015: verso Expo Milano« at Triennale di Milano (I), Feb.

### Pubblicazioni (selezione)

- 2015** Borra E., Weltevrede E., Ciuccarelli P., Kaltenbrunner A., Laniado D., Magni G., Mauri M., Rogers R., Venturini T. *Societal Controversies in Wikipedia Articles*. CHI'15: 33rd Annual ACM Conference on Human Factors in Computing Systems Proceedings (*forthcoming*)
- 2014** Ciuccarelli, P. *Mind the Graph: From Visualization to Collaborative Network Constructions*. Leonardo Journal 47.3: 268-269 MIT Press Journals
- Borra E., Weltevrede E., Ciuccarelli P., Kaltenbrunner A., Laniado D., Magni G., Mauri M., Rogers R., Venturini T. *Contropedia - the analysis and visualization of controversies in Wikipedia articles*. In Proceedings of The International Symposium on Open Collaboration (OpenSym '14). ACM, New York, NY, USA, , Pages 34 , 1 pages. <http://doi.acm.org/10.1145/2641580.2641622>
- Ciuccarelli P., Lupi G., Simeone L. *Visualizing the Data City. Social Media as a Source of Knowledge for Urban Planning and Management*. Springer Briefs in Applied Sciences and Technology, Springer Publishing Company, Incorporated ISBN:331902194X 9783319021942
- Antonelli F., Azzi M., Balduini M., Ciuccarelli P., Della Valle E., Larcher R. *City sensing: visualising mobile and social data about a city scale event*. In Proceedings of the 2014 International Working Conference on Advanced Visual Interfaces (AVI '14). ACM, New York, NY, USA, 337-338. <http://doi.acm.org/10.1145/2598153.2600032>
- Caviglia, G., Ciuccarelli, P., Coleman, N. *Communication Design and Digital Humanities. Visualizations and Interfaces for Humanities Research*. In Diversity: design/humanities. Proceedings of the fourth International Forum for Design as a Process. September 19-22, Belo Horizonte-MG, Brazil. EdUEMG (Editora da Universidade do Estado de Minas Gerais). ISBN 978-85-62578-33-5.
- 2013** Mauri M., Pini A., Ciminieri D., Ciuccarelli P. *Weaving data, slicing views: a design approach to creating visual access for digital archival collections*. In Proceedings of the Biannual Conference of the Italian Chapter of SIGCHI (CHItaly '13). ACM, New York, NY, USA, , Article 21 , 8 pages. <http://doi.acm.org/10.1145/2499149.2499159>
- Uboldi, G., Caviglia, G., Coleman, N., Heymann, S., Mantegari, G., Ciuccarelli, P. *Knot: an Interface for the Study of Social Networks in the Humanities*. In Proceedings of the Biannual Conference of the Italian Chapter of SIGCHI (CHItaly '13). ACM, New York, NY, USA, Article 15, 9 pages. <http://dl.acm.org/citation.cfm?id=2499174>
- Pellegrini, V., Caviglia, G., Ciuccarelli, P. *Minerva: an Information Visualization Tool to Support*

- Philosophical Historiography*. In Ceccarelli, N. (ed.), 2CO Communicating Complexity Conference Proceedings, August 2013. Alghero, Italy. Edizioni Nuova Cultura, Roma. ISBN 9788868121952, doi: 10.4458/1662
- 2012** Ciuccarelli P. *Visual Explorations. On-line Investigations for Understanding Society*. In Errea J., Gil A. in Malofiej 19. International Infographics Awards. (pp. 6- 23)
- Ciuccarelli P. *Turning Visualisations into Stories and "Big Pictures*. In Rendgen S., Wiedermann J. *Information Graphics*. p. 77-95, Cologne: Taschen GmbH, ISBN: 9783836528795
- Trocchianesi R., Ciuccarelli P. *Iconology as a matter of design between information visualization and artistic approach*. In Diversity: Design/Humanities. Belo Horizonte, 19-22 Sept., p. 55-3, Belo Horizonte: Barbacena, MG: EdUEMG, ISBN: 9788562578151
- 2011** Roveta F., Di Mario L., Maggi F., Caviglia G., Zanero S., Ciuccarelli P. *BURN: baring unknown rogue networks*. In Proceedings of the 8th International Symposium on Visualization for Cyber Security (VizSec '11). ACM, New York, NY, USA, , Article 6 , 10 pages  
<http://doi.acm.org/10.1145/2016904.2016910> [Best Paper Award]
- 2010** Masud L., Valsecchi F., Ciuccarelli P., Ricci D., Caviglia G. *From Data to Knowledge. Visualizations as transformation processes within the Data-Information-Knowledge continuum*. Proceedings of Information Visualisation (IV), 2010 14th International Conference. 445 - 449. 26-29 July 2010, London, United Kingdom.
- 2009** Valsecchi F., Ciuccarelli P. *Ethnographic approach to design knowledge. Dialogue and participation as discovery tools within complex knowledge contexts*. In IASDR '09 - Rigor and Relevance in design. p. 3517-3531, Seoul, South Corea, 18-22 Oct. ISBN: 9788996319405
- 2008** Ciuccarelli P., Ricci D., Valsecchi F. *Handling changes trough diagrams: Scale and grain in the visual representation of Complex Systems*. In Changing the Change Proceedings, ed. Cipolla C., Peruccio P.P. Turin: Allemandi, July 10
- 2007** Baule G., Ciuccarelli P., Ricci D., Scagnetti G. *Reshaping Communication Design Tools. Complex Systems structural features for Design Tools*. IASDR'07 Proceedings: International Associations of Societies of Design Research, Hong Kong, 12-15 Nov. ISBN: 9789889910143
- Ciuccarelli P., Valsecchi F. *Network Shapes Design Activities. ICT Supporting Open and Shared Design Processes*. In IASDR'07: International Associations of Societies of Design Research. Hong Kong, 12-15 Nov. ISBN: 9789889910143
- 2004** Ciuccarelli P., Innocenti P., Vidari F. *POLI.teca: a Design Knowledge Centre at Politecnico di Milano. A Physical Interface to Networked Knowledge*. In: Work With Computing Systems 2004 Proceedings of the 7th International Conference on Work with Computing Systems. 29 June -2 July 2004. (pp. 170-175). ISBN/ISSN: 983-41742-0-9. KUALA LUMPUR: Damai Sciences Sdn Bhd (MALAYSIA)
- 2002** Ciuccarelli P., Innocenti P., Vidari F., Boghetich M. *DesignNet: a online knowledge gateway for industrial design education and research activities*. VSMM'02 – Creative Digital Culture - 8th International Conference on Virtual Systems and Multimedia. 25-27 Sept. pp. 353-361. Gyeongyu, Korea.
- Boghetich M., Ciuccarelli P., Innocenti P., Vidari F. *An online knowledge gateway for industrial design education and research activities*. In Proceedings of the '02 international conference on Dublin core and metadata applications: Metadata for e-communities: supporting diversity and convergence (DCMI '02). Dublin Core Metadata Initiative 197-198.

## Dal Web

Interview at FTA 2014, Brussels (B) - <http://j.mp/1Dubq05>

»Data Stories« podcast (a bi-weekly podcast on data visualization with Enrico Bertini and Moritz Stefaner) - <http://datastori.es/data-stories-39-densitydesign-w-paolo-ciuccarelli/>

Talking with.... An interview on Visualoop.com - <http://visualoop.com/6531/talking-with-paolo-ciuccarelli>

TEDx Italy conference, 2009 - <https://www.youtube.com/watch?v=LpQTbxPvtlU>

*Reviews of RAW, our Open Source Visualization Tool* - <http://raw.densitydesign.org/>

<http://blog.visual.ly/data-visualization-tools-focused-design/>

<http://thewhyaxis.info/raw/>

<http://gizmodo.com/raw-lets-you-create-data-visualizations-from-spreadsheet-1443382384>

<http://blog.visual.ly/raw-a-data-visualization-tool-built-for-designers/>

<https://gigaom.com/2013/10/08/new-tool-lets-you-visualize-just-about-anything-in-5-minutes-maybe-less/>

<http://flowingdata.com/2013/10/08/raw-a-tool-to-turn-spreadsheets-to-vector-graphics/>

<http://selection.datavisualization.ch/>