

Michele Mauri

PhD – Politecnico di Milano

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Birth date: 15 July 1984

Nationality: Italian

Academic Affiliation

POLITECNICO DI MILANO – DESIGN DEPARTMENT

DensityDesign Lab

Via Durando 10, ed. B7

20158 Milan – Italy

Areas of specialization & competence

Communication Design • Information Design • Interface Design • Data Visualization •
Geovisualization • Javascript

Resumé

From October 2014, he is research fellow at Politecnico di Milano.

Research activities are carried out in collaboration with DensityDesign Lab, a research group focused on information visualization and information design. Within the laboratory he coordinates the research, the design and development of projects related to the visual communication of data and information, in particular for projects related to born-digital data and Digital Methods.

In 2015, he obtained a PhD degree in Design with the dissertation “Design of the unfinished”. He’s interested in data visualization, statistics, born-digital data sources and, of course, graphic design.

Academic career

- 2014 –* Research Fellow at Design Department, Polytechnic University of Milan
- 2011 – 2015* PhD in Design, Polytechnic University of Milan
- Jan. – Jul. 2014* Visiting Researcher at University of Amsterdam
- 2009 – 2011* Research Fellow at CRISP (Interuniversity Research Centre on Public Services)
- 2006 – 2009* M.Sc. in Communication Design, Polytechnic University of Milan
- 2003 – 2006* B.Sc. in Communication Design, Polytechnic University of Milan

Teaching Activities

MASTER’S DEGREE COURSES

- 2017*
 - Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Creative Coding | **6 ECTS**
 - Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Communication Design (And Digital Methods) | **3 ECTS**
- 2016*
 - Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Creative Coding | **6 ECTS**
 - Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Final Synthesis Design Studio | **3 ECTS**

2015 **Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Final Synthesis Design Studio | **3 ECTS**

Teacher
UNIVERSITY OF AMSTERDAM – M.Sc. in New Media and Digital Culture
“New Media Project: Data Visualization” | **12 ECTS**

BACHELOR’S DEGREE COURSES

May 2015 **Adjunct Professor**
POLYTECHNIC UNIVERSITY OF MILAN – M.Sc. in Communication Design
Workshop – “My digital shadow” | **5 ECTS**

DIDACTICAL WORKSHOPS

Mar. 2017 **Visualized Milan.**
Milano, IT.

Aug. 2016 **The Chinese University of Hong Kong.** “Digital Methods and Social
Development Training Workshop”
Hong Kong, CN.

Jun. 2013 **Fachhochschule Vorarlberg.** “Design Symposium”
Dornbirn, AT.

Jan. 2013 **Sint Lucas Antwerpen.** Connecting to the outside world
Antwerp, BE. In collaboration with NodeBox

Dec. 2012 **Better Nouveau.** Dataviz: Visual Representation Of Complex Phenomena
Torino, IT. In collaboration with NodeBox

OTHER DIDACTICAL ACTIVITIES

Jan. 2017 **Lecturer**
MIP – Business Analytics and Big Data master program
“Information Visualization”

Nov. 2016 **Lecturer**
CEFRIEL – Master in Analytics & Business Intelligence
“Information Visualization”

Lecturer
UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA – Master in Business
Intelligence e Big Data Analytics
“Information Visualization”

Nov. 2015 **Lecturer**
CEFRIEL – Master in Analytics & Business Intelligence
“Information Visualization”

- Jul. 2013* **Lecturer**
 POLI.DESIGN – Corso di Alta Formazione
 “Infographics”
- Jul. 2012* **Lecturer**
 POLI.DESIGN – Corso di Alta Formazione
 “Data Visualization in the time of digital media”
- Gen. 2012* **Lecturer**
 IULM – Master in Digital Entertainment Media & Design
 “Data Visualization”

ASSISTANT PROFESSOR

- 2010 – 2014* **Teaching Assistant**
 UNIVERSIDADE DE AVEIRO - Mestrado em Design
 Representação e Conhecimento (Knowledge and Representation)
- 2011 – 2015* **Teaching Assistant**
 POLYTECHNIC UNIVERSITY OF MILAN– M.Sc. in Communication Design
 Integrated Course Final Synthesis Studio

Publications

forthcoming publications

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2017

Mauri, M., Pini, A., & Ciuccarelli, P. (2017). **Designing diagrams for Wikipedia.** *Information Design Journal*, 23(1), 65–79. <https://doi.org/10.1075/idj.23.1.08mau>

Mauri, M., Elli, T., Caviglia, G., Uboldi, G., & Azzi, M. (2017). **RAWGraphs: A Visualisation Platform to Create Open Outputs.** *In Proceedings of the 12th Biannual Conference on Italian SIGCHI Chapter* (p. 28:1–28:5). New York, NY, USA: ACM. <https://doi.org/10.1145/3125571.3125585>

Colombo, G., Ciuccarelli, P., Mauri, M. **Visual Geolocations. Repurposing online data to design alternative views.** *Big Data & Society* 4 (1), 2053951717702409 <http://doi.org/10.1177/2053951717702409>

Pentzold, C, Weltevrede, E., Mauri, M., Laniado, D., Kaltenbrunner, A., Borra, E. **Digging Wikipedia: The Online Encyclopedia as a Digital Cultural Heritage Gateway and Site.** *Journal on Computing and Cultural Heritage (JOCCH)* 10 (1), 5 <https://doi.org/10.1145/3012285>

2016

Elli T., Moretti G., Sprugnoli R., Mauri M., Uboldi G., Tonelli S., Ciuccarelli P. **Visualisation Strategies for Comparing Political Ideas with the ORATIO**

platform. DH2016, 11-16 July 2016, Kraków, PL
dh2016.adho.org/abstracts/422

Mauri M., Ciuccarelli P. **Designing diagrams for social issues.** DRS2016, 27-30 June 2016, Brighton, UK
www.drs2016.org/185/

Lawson, S., Gray, J., & Mauri, M. (2016). **Opening the Black Box of Scholarly Communication Funding: A Public Data Infrastructure for Financial Flows in Academic Publishing.** *Open Library of Humanities*, 2(1), 1–35.
doi.org/10.16995/olh.72

2015

Niederer, S., Colombo, G., Mauri, M., & Azzi, M. (2015). **Street-level City Analytics : Mapping the Amsterdam Knowledge Mile.** In I. Theona & D. Charitos (Eds.), *Hybrid City 2015: Data to the People* (pp. 215–220). Athens: URIAC.

Venturini, T., Ricci, D., Mauri, M., Kimbell, L., & Meunier, A. (2015). **Designing Controversies and Their Publics.** *Design Issues*, 31(3), 74–87.
doi.org/10.1162/DESI_a_00340

Borra, E., Weltevrede, E., Ciuccarelli, P., Kaltenbrunner, A., Laniado, D., Magni, G., Mauri, M., Rogers, R., Venturini, T. **"Societal Controversies in Wikipedia Articles"**. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems (CHI '15)*. ACM, New York, NY, USA, 193-196.
doi.org/10.1145/2702123.2702436

Borra, E., Laniado, D., Weltevrede, E., Mauri, M., Magni, G., Venturini, T., Ciuccarelli, P., Rogers, R., Kaltenbrunner, A. **"A Platform for Visually Exploring the Development of Wikipedia Articles"**. In *Ninth International AAAI Conference on Web and Social Media (ICWSM '15)*

2014

Borra E., Weltevrede E., Mauri M., Kaltenbrunner A., Laniado D., Magni G., Venturini T., Ciuccarelli P.
Contropedia - the analysis and visualization of controversies around Wikipedia articles, Proceedings of the 8th International Symposium on Wikis and Open Collaboration, Berlin
doi.org/10.1145/2641580.2641622

2013

Mauri M., Ciuccarelli P.
Il ruolo dell'Information Visualization nella progettazione di interfacce per archivi digitali eterogenei, Digital Humanities: progetti italiani ed esperienze di

convergenza multidisciplinare. Atti del convegno annuale dell'Associazione per l'Informatica Umanistica e la Cultura Digitale (AIUCD)
doi.org/10.13133/978-88-98533-27-5

Mauri M., Pini A., Ciminieri D., Ciuccarelli P.
Weaving data, slicing views: a design approach to create visual access for digital archival collections, CHIItaly 2013, Trento
doi.org/10.1145/2499149.2499159

Selected Academic & Applied Research Works

SELECTED PROJECTS

- 2017 **Jarvis.** | Sviluppo di una interfaccia per l'esplorazione di topic modelling. In collaborazione con ISI foundation.
Role: Design lead, coordinator.
- 2017 **Fake News Field Guide.** | In collaborazione con Tommaso Venturini, Liliana Bounegrou e Jonathan Gray.
Role: Design lead, coordinator.
- 2014-2016 **FIRE – Fighting illicit firearms trafficking routes and actors at European level** | Prevention of and Fight against Crime (ISEC) Fund n. HOME/2013/ISEC/FP/C1/4000005009
Role: Design lead, coordinator.
- 2011-2014 **EMAPS Electronic Maps to Assist Public Science** | 7th FP - SiS.2011.3.0.6-1.
Role: Design lead, coordinator
- 2013- **RAW. The missing link between spreadsheets and vector graphics.** Progetto personale in collaborazione con G. Caviglia, M. Azzi, G. Ubaldi.
Role: design of visual models and mappings.
- 2012-2013 **LOMEN Project** | In collaboration with LADA design archives.
Role: Project Leader
- 2012 **Share Your Knowledge: mapping project's influences on the web** | Lettera27, Cariplo Foundation
Role: Design lead, coordinator
- 2011-2012 **Nuovi Linguaggi (New Languages) infografiche settimanali** | "La Lettura" ("Corriere della Sera")
Role: coordinator, designer
- 2010 **Fineo** | in collaborazione con "Mapping the Republic of Letters team - Stanford Humanities Center".
Role: designer

EXHIBITIONS

- 2015 **Le mappe del sapere – Visual data di arti, nuovi linguaggi, diritti: l'infografica ridisegna le conoscenze**
Triennale di Milano (<http://bit.ly/mm-mappe-sapere>)
Exhibition of visualization produced for "La Lettura", a weekly cultural newspaper produced by "Corriere della Sera"
- 2014 **Digital Typefaces**
Hyundai Card Design Library
Motion graphics presenting features of the "OCR-A" typeface
- 2012 **The Art of Networks Exhibition**
Foosaner Art Museum, Melbourne (<http://bit.ly/mm-art-networks>)
Exhibition of visualizations illustrating the EXPO2015 in Milan.
- GeoCity Smart City.**
CMoDA (China Millennium Monument Museum of Digital Arts)
Exhibition of visualization on smart cities.
- 2011 **1906-2015: towards Milan Expo**
Triennale di Milano
Visualizations realized for EXPO2015
- Standard Deviations: Types and Families in Contemporary Design**
The Museum of Modern Art, New York
Motion graphics presenting features of the "OCR-A" typeface

VISITING PERIODS

- 2014 **Visiting researcher at University of Amsterdam**
During the PhD I spend six months collaborating with Digital Methods Initiative, part of the University of Amsterdam. The collaboration was aimed at the identification of practices of collaboration among designers and new media scholars.

FEATURES IN BOOKS

- 2014 INFOGRAPHICS – Designing and visualizing data. Hong Kong: Sandu Publishing
Le Mappe Del Sapere. Milano: Rizzoli
Understanding the World. Köln: Taschen
- 2013 Infographic Design. Shanghai: Choi's Gallery
- 2012 Information Graphics. Köln: Taschen
Malofiej 19. Pamplona: The Society for News Design – SND
IdN EXTRA 07: Infographics. Hong Kong: Systems Design Ltd
- 2011 Visual Complexity. Princeton: University Press

Visual storytelling. Köln: Taschen

Information Design. Köln: Taschen

Visual Story. Berlin: Gestalten

Verso Expo Milano 2015. Milan: Mondadori

2010 Editorial Design. Shanghai: Choi's Gallery

User-Friendly Diagrams. Tokyo: Pie International Inc.

Computer Arts magazine, no.141. Bath: Future Publishing.

Data Flow 2. Berlin: Gestalten

2009 Design net Magazine issue #146

AWARDS

2016 **Gold Award in Infographics** | Information is Beautiful Award
Winner project: "The missing migrants"

2015 **Gold Award and Grand Prize in Visualization Tool** | Information is Beautiful Award
Winner project: "RAW"

2012 **Gold Award in Information Design** | Information is Beautiful Award
Winner artwork: "Cover-Mania", designed for "La Lettura" (Corriere della Sera)

2009 **Grand Prize** | R/GA Mobile Music Challenge
"Freesbe: Free sound diffusion"