

# Michele Mauri

**Curriculum Vitae Scientifico**

# I. Esperienze lavorative

## **ATTUALE POSIZIONE IN AMBITO ACCADEMICO**

*2018 - attuale*    **Ricercatore a tempo determinato di tipo A**, Politecnico di Milano, Milano IT

## **PRECEDENTI POSIZIONI IN AMBITO ACCADEMICO**

*2014 - 2018*    **Assegnista di ricerca**, Politecnico di Milano, Milano IT

*2011 - 2014*    **Borsa di dottorato**

*2010 - 2011*    **Borsa di studio e di ricerca**, Centro di Ricerca Interuniversitario per i Servizi di Pubblica utilità, Milano IT

## II. Formazione

- 2011-2015*      **PhD in Design**, Politecnico di Milano.
- 2007-2009*      **Laurea Magistrale in Design della Comunicazione**, Politecnico di Milano.
- 2003-2006*      **Laurea Di primo livello In Design della Comunicazione**, Politecnico di Milano.

### CORSI DI FORMAZIONE

- Giu. 2014*      **“On geolocation” - Digital Methods Summer School**  
UvA (University of Amsterdam)  
Amsterdam - Paesi Bassi
- Lug. 2011*      **Physical Computing**  
CIID (Copenhagen Institute of Interaction Design)  
Copenaghen - Danimarca
- Lug. 2011*      **Computational Design**  
CIID (Copenhagen Institute of Interaction Design)  
Copenaghen - Danimarca
- Feb. 2008*      **Corso di Alta Formazione in Type Design**  
Politecnico di Milano

## III. Conferenze e seminari

### RELATORE INVITATO

- 2021*      **RAWGraphs deep dive**  
NICAR21 data journalism conference  
<https://archive.is/9fAzX>
- 2020*      **Introducing DensityDesign Lab**  
5th Workshop on Visualization for the Digital Humanities  
Online  
<https://archive.is/111Sd>
- Telling stories to the largest public: information visualization on Wikipedia**  
DataStories Symposium 2020  
Online  
<https://archive.is/Oauiz>
- 2019*      **Six Lenses on Information Visualization**  
Democracy in the age of big data and AI  
Venezia (IT)  
<http://archive.is/Qpcdy>
- Information Design: stato e sfide**  
DCVM - Corso di Laurea Magistrale in Design, Comunicazione Visiva e Multimediale  
Roma (IT)
- 2017*      **Visualization as a research tool**  
Data (for) Culture  
Katowice (PL)  
<http://archive.is/Wvsqt>
- Visualization of Complexity**  
Research Communication Week 2017  
Università Ca' Foscari Venezia, Venezia (IT)  
<http://archive.is/vjEOR>
- Guida pratica alle “fake news”**  
International Journalism Festival  
Perugia (IT)  
<http://archive.is/Mleae>
- 2015*      **Data Visualization for Digital Collections**  
Archiving a City. The future of Jerusalem Past  
<http://archive.is/5XMDA>

## INTERVENTI IN CONFERENZA

- 2019            **“Teaching the Critical Role of Designers in the Data Society: The DensityDesign Approach”**  
DRS Learn X Design 2019, Ankara (TR)  
<http://archive.fo/SLtQc>
- 2017            **“RAWGraphs: A Visualisation Platform to Create Open Outputs”**  
12th Edition of the biannual Conference of the Italian SIGCHI Chapter, Cagliari (IT)  
<http://archive.is/3pug7>
- 2016            **“Designing Diagrams for Social Issues”**  
The 50th Anniversary DRS Conference, Brighton (UK)  
<http://www.drs2016.org/programme/>
- “Why Designers Should Care about Wikipedia”**  
Information + Conference, Vancouver (CA)  
<http://archive.is/IRSFc>
- 2013            **“Weaving data, slicing views: a design approach to create visual access for digital archival collections”**  
10th Edition of the biannual Conference of the Italian SIGCHI Chapter, Trento (IT)  
<http://archive.is/SEnCj>
- 2012            **“Ruolo dell’Information Visualization nella progettazione di interfacce per archivi digitali eterogenei”**  
Primo Convegno Annuale dell’AIUCD, Firenze (IT)  
<http://archive.is/C8WfX>

## ALTRE ATTIVITÀ DI PUBLIC ENGAGEMENT

- 2020            **Membro della giuria del concorso "Malofiej #28"**  
<https://archive.is/BKNQ3>
- Membro della giuria del concorso "Vis for Future · Climate Visualization Competition"**  
<https://archive.is/A6U1W>
- Ambasciatore del Design**  
Italian Design Day 2020  
<https://archive.is/mVLuq>

## IV. Didattica

### SCUOLA DI DOTTORATO

*2019 – 2020*     **Docente**  
**POLITECNICO DI MILANO** – Scuola di Dottorato  
Exploring public debates surrounding academic topics through data driven approaches | 055158 | **5 CFU**

### LAUREA MAGISTRALE

*2019 – attuale*     **Docente**  
**POLITECNICO DI MILANO** – Laurea magistrale in Design della Comunicazione  
Information And Communication Design | 051697| **6 CFU**

*2019 – attuale*     **Docente**  
**IULM** – Hospitality and Tourism Management  
Information Design and Data Visualization | **3 CFU**

*2016 – attuale*     **Docente**  
**POLITECNICO DI MILANO** – Laurea magistrale in Design della Comunicazione  
Creative Coding | 050538 | **6 CFU**

*2017 – 2018*     **Docente**  
**POLITECNICO DI MILANO** – Laurea magistrale in Design della Comunicazione  
Communication Design (And Digital Methods) | 051699 | **3 CFU**

*2015 – 2016*     **Docente**  
**POLITECNICO DI MILANO** – Laurea magistrale in Design della Comunicazione  
Progetto Della Comunicazione Visiva | 096553 | **3 CFU**

*Mag. 2015*     **Docente**  
**POLITECNICO DI MILANO** – Laurea magistrale in Design della Comunicazione  
Workshop – “From Mind to Reality” | **6 CFU**

*2014*     **Docente**  
**UNIVERSITY OF AMSTERDAM** – M.Sc. in New Media and Digital Culture  
“New Media Project: Data Visualization”

## LAUREA DI PRIMO LIVELLO

*Mag. 2016*      **Docente**  
POLITECNICO DI MILANO – Laurea in Design della Comunicazione  
Workshop – “My Digital Shadow” | 5 CFU

## WORKSHOP DIDATTICI

*Dec. 2017*      **Data (for) Culture.** “Visualizing Data With Rawgraphs”.  
Katowice (PL) <http://archive.is/4CYi6>

*Mar. 2017*      **Visualized Milan.** “Visualizing data with RAWGraphs”  
Milano (IT). In collaborazione con Calibro Studio.

*Set. 2016*      **The TRESPASS Project .** “Advanced Data Visualisation”  
L’Aia (NL). <http://archive.is/KonWt>

*Ago. 2016*      **The Chinese University of Hong Kong.** “Digital Methods and Social  
Development Training Workshop”  
Hong Kong (CN). <http://archive.is/EgTFW>

*Giu. 2013*      **Fachhochschule Vorarlberg.** “Design Symposium”  
Dornbirn (AT).

*Gen. 2013*      **Sint Lucas Antwerpen.** “Connecting to the outside world”  
Antwerp (BE). In collaborazione con NodeBox

*Dic. 2012*      **Better Nouveau.** “Dataviz: Visual Representation Of Complex  
Phenomena”  
Torino (IT). In collaborazione con NodeBox

## CORSI DI ALTA FORMAZIONE / MASTER

*Feb. 2019*      **Docente**  
IULM – Workshop in Visual design and visual storytelling

*2016 – 2019*      **Docente**  
BICOCCA – Master in Business Intelligence & Big Data Analytics  
“Information Visualization”

*Mar. 2018*      **Docente**  
IULM – Job Lab in Information visualization and visual storytelling in  
tourism

*2015 – 2018*      **Docente**  
CEFRIEL – Master in Analytics & Business Intelligence  
“Information Visualization”

- 2016 – 2019*      **Docente**  
MIP – Business Analytics and Big Data master program  
“Information Visualization”
- Lug. 2013*      **Docente**  
POLL.DESIGN – Corso di Alta Formazione  
“Infographics”
- Lug. 2012*      **Docente**  
POLL.DESIGN – Corso di Alta Formazione  
“Data Visualization in the time of digital media”
- Gen. 2012*      **Docente**  
IULM – Master in Digital Entertainment Media & Design  
"Data Visualization"



## V. Pubblicazioni

### CAPITOLI IN LIBRI

2019

Mauri, M., Gobbo, B., & Colombo, G. (2019). **O papel do designer no contexto do Data Sprint**. In *MÉTODOS DIGITAIS*. ICNOVA — Instituto de Comunicação da Nova.

Butterworth, A., Hotson, H., Kudella, C., Mauri, M., Del Nero, S. (2019). **'Maps with Memory': Capturing Chronology in Cartographic Form**. In *H. Hotson & T. Wallnig (Eds.), Reassembling the Republic of Letters in the Digital Age (pp. 349–354)*. Göttingen: Göttingen University Press.

### ARTICOLI IN RIVISTA (PEER REVIEWED)

2020

Bounegru, L., De Pryck, K., Venturini, T., & Mauri, M. (2020). **“We only have 12 years”: YouTube and the IPCC report on global warming of 1.5°C**. *FIRST MONDAY*, 25, 1. <https://doi.org/10.5210/fm.v25i2.10112>

2019

Gobbo, B., Balsamo, D., Mauri, M., Bajardi, P., Panisson, A., & Ciuccarelli, P. (2019). **Topic Tomographies (TopTom): a visual approach to distill information from media streams**. *Computer Graphics Forum*, 38(3), 609–621. <https://doi.org/10.1111/cgf.13714>

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>

Colombo, G., Ciuccarelli, P., Mauri, M. (2017). **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. (2017). **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

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](https://doi.org/10.16995/olh.72)

2015

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](https://doi.org/10.1162/DESI_a_00340)

## PAPERS A CONFERENZE (PEER REVIEWED)

2020

Benedetti, A., Elli, T., & Mauri, M. (2020). **“Drawing with code”: the experience of teaching creative coding as a skill for communication designers**. *Proceedings of EDULEARN20 Conference*, 3478–3488. <https://doi.org/10.21125/edulearn.2020.0982>

Mauri, M., Angeles, B., Gobbo, B., & Colombo, G. (2020). **Research protocol diagrams as didactic tools to act critically in dataset design processes**. *INTED2020 Proceedings*, 9034–9043.

Mauri, M. (2020). **Introducing information visualization to design students**. *Proceedings of EDULEARN20 Conference*, 4442–4448.  
<https://doi.org/10.21125/edulearn.2020.1173>

2019

Invernizzi, M., Mauri, M., & Ciuccarelli, P. (2019). **Visual Monitoring of Complex Algorithms**. In N. Ceccarelli & C. Jiménez-Martínez (Eds.), *2CO: COmmunicating Complexity Contributions from the 2017 Tenerife Conference*.

Mauri, M., Colombo, G., Angeles, B., & Ciuccarelli, P. (2019). **Teaching the Critical Role of Designers in the Data Society: The DensityDesign Approach**. In N. A. G. Z. Börekçi, D. Ö. Koçyıldırım, F. Korkut, & D. Jones (Eds.), *Proceedings of DRS Learn X Design 2019: Insider Knowledge* (pp. 183–195). METU Department of Industrial Design. <https://doi.org/10.21606/LEARNXDESIGN.2019.12046>

2017

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>

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](http://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/](http://www.drs2016.org/185/)

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.

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](https://doi.org/10.1145/2702123.2702436)

2014

Mauri, M., & Ciuccarelli, P. (2014). **Il ruolo dell’Information Visualization nella progettazione di interfacce per archivi digitali eterogenei.** In F. Ciotti (Ed.), *Digital Humanities: progetti italiani ed esperienze di convergenza multidisciplinare* (p. 16). Firenze: Sapienza Università Editrice.

2013

Mauri, M., Pini, A., Ciminieri, D., & Ciuccarelli, P. (2013). **Weaving data, slicing views.** In *Proceedings of the Biannual Conference of the Italian Chapter of SIGCHI on - CHIItaly '13* (pp. 1–8). New York, New York, USA: ACM Press.  
<https://doi.org/10.1145/2499149.2499159>

#### **ABSTRACTS IN CONFERENZE (PEER REVIEWED)**

Borra, E., Laniado, D., Weltevrede, E., Mauri, M., Magni, G., Venturini, T., Ciuccarelli, P., Rogers, R., Kaltenbrunner, A. (2015). **A Platform for Visually Exploring the Development of Wikipedia Articles.** *Proceedings of the 9th International AAAI Conference of Web and Social Media.*

Borra, E., Weltevrede, E., Ciuccarelli, P., Kaltenbrunner, A., Laniado, D., Magni, G., Mauri, M., Rogers, R., Venturini, T. (2014). **Contropedia - the analysis and visualization of controversies in Wikipedia articles.** *OpenSym '14: The International Symposium on Open Collaboration Proceedings* .  
[doi.org/10.1145/2641580.2641622](https://doi.org/10.1145/2641580.2641622)