

CURRICULUM of Maurizio Rossi



INDEX

1. SUMMARY OF THE MAIN INFORMATION	2
2. SCIENTIFIC ACTIVITY	3
2.1 <i>Research activities management</i>	4
2.1.1 Financed by public tenders, at the Politecnico di Milano	4
2.1.2 Management of research activities financed by contracts or agreements, at the Politecnico di Milano	6
2.1.3 Direction of research activities financed by contracts or agreements with the CNR	9
2.2 <i>Direction or participation in the activities of research groups and associations</i>	9
2.3 <i>Participation in research activities (1990-1999)</i>	9
2.4 <i>Conference organization</i>	10
2.5 <i>Participation as a speaker at conferences</i>	12
2.6 <i>Participation in PhD faculties</i>	13
2.7 <i>Tutor/supervisor of PhD students</i>	14
2.8 <i>Editorial activity</i>	14
3. TEACHING ACTIVITY	15
3.1 <i>Direction, coordination and support to the direction of university didactic activities</i>	15
3.1.1 Master programs	15
3.1.2 Direction of Higher Education Courses at the Poli.Design consortium of the Politecnico di Milano	15
3.1.3 Direction of Lifelong Training Courses at the Design Dept. of the Politecnico di Milano	17
3.1.4 Direction of Lifelong Training Courses at the In.D.A.co Dept. of the Politecnico di Milano	17
3.2 <i>Teaching in PhD courses</i>	19
3.3 <i>Teaching in university courses</i>	19
3.3.1 Teaching in design courses	19
3.3.2 Teaching in courses of representation techniques applied to design	21
3.3.3 Teaching in university course of other universities	21
3.3.4 Teaching in specialization university master programs	21
3.4 <i>Other teaching activities</i>	22
4. EDUCATION	23
4.1 <i>Education pre and post-bachelor</i>	23
4.2 <i>Refresher courses attended</i>	23
5. PUBLICATIONS	24

1. SUMMARY OF THE MAIN INFORMATION

- Full Professor (Ordinario) of Design-ICAR/13 in service at the Design dept. of the Politecnico di Milano since 2019. Previously, from 2010 to 2019 associate professor, and from 2002 to 2010, assistant professor at the Politecnico di Milano.
- Scientific Manager of the Laboratorio Luce of the Politecnico di Milano since 2002.
- Since 1998 he has directed 26 research projects funded by public tenders or research contracts/conventions, 25 of which at the Politecnico di Milano.
- ADI Design Inedx 2021 for the Research “Circadian Lighting Design in the LED Era”
- Member of the Faculty of the PhD in Design of the Politecnico di Milano.

- President of the AIC-International Colour Association 2024-.
- Vice-President of the AIC-International Colour Association 2022-2023.
- Since 2018 member of the Executive Committee of the AIC-International Colour Association.
- President of the GdC-Associazione Italiana Colore from 2012 to 2018.
- 2021-2024 member of the Board of Directors of SID-Società Italiana Design.

- Since 2014 Editor-in-Chief of the Color Culture & Science Journal.
- He has published 190 scientific publications, including: 6 books as author, 17 as editor, 20 essays in books, 20 articles in indexed international journals, 57 articles in ANVUR journals, 74 articles in international conference proceedings as well as other publications.
- He was chair of 10 international conferences in English language.
- He was a speaker at 20 international conferences.

- At Politecnico di Milano he teaches in the courses of Lighting Design and Design Methods.
- Since 2010 he has been the director of the Master in Lighting Design & LED Technology of the Politecnico di Milano.
- Since 2014 he has been the director of the Master in Color Design & Technology of the Politecnico di Milano.
- Director of 51 lifelong training courses organized firstly by the In.D.A.Co. dept. and then by the Design dept. of the Politecnico di Milano.
- Director of 33 higher education courses of the Poli.Design consortium.

- Qualifications: PhD in Computer Science at the Università degli Studi di Milano in 2004. Degree in SS.MM.FF.NN. at the Università degli Studi di Milano in 1989.

2. SCIENTIFIC ACTIVITY

He is full professor of Lighting Design and Design Methods at Politecnico di Milano since 2019. He has been an Associate Professor of *ssd ICAR/13* at the Politecnico di Milano since 2010, and has been a researcher of *ssd ICAR/13* since 2002. He deals with research dedicated to the development of environmental products. In this context, starting from an analysis and development of the implications of visual perception aimed at the psycho-physiological well-being of the individual in the environmental context, and of the Basic Design themes applied to light, he has analysed the aspects of design research and new technologies, of light and colour. He has also developed research topics related to the problems of design and representation of computer-aided lighting, and the application of new multimedia technologies to design for the enhancement and preservation of cultural heritage. At the Department of Design he participates in the work of the LEM section (Design Degli Ambienti, del Paesaggio e della Mobilità- Design for Environments, Landscape & Mobility).

At the Politecnico di Milano he is the Scientific Manager of the Laboratorio Luce (laboratory of photometry, colorimetry, lighting engineering, training and design research), which he has helped to plan since 1997, and which he coordinated in 2002. The laboratory is a unique structure in the Italian university landscape, built on two floors with a surface area of over 500 square meters, providing various equipped spaces dedicated to teaching and experimentation of design and technologies of light and colour. In the last 17 years at the Politecnico di Milano, he has directed 24 research projects funded by public tenders or research contracts. In his research and teaching in Lighting & Colour Design, he has collaborated with over thirty companies, including: Almecco, Artemide, Barbieri, Electronic, Barco, BoeroGroup, Castaldi, Chiron, Clariant, ClayPaky, Danese, Disano, Eelectron, ElementiModa, Enea, FLOS, Fontegrafica, General Electric, GEWISS, iGuzzini, IMQ, KONE, Konica-Minolta, Lechler, Luceplan, Mantero, MaxMeyer, Missoni, Osram, Panzeri, Philips, Prisma-PIL, QLT, Reggiani, Rexel, Spotlight, Trilux, Viabizzuno and X-rite.

After graduating in 1989, he collaborated with the Laboratorio di Eidomatica of the Università degli Studi di Milano, participating in various national and European research projects in the fields of multimedia and virtual reality applied to lighting and cultural heritage. From 1988 to 2002 he participated in and coordinated research and development activities with the Università Statale di Milano, the CNR, the University of Manchester, the Consorzio Milano Ricerche and the Università di Pavia.

Since 2011 he has been a member of the faculty of the PhD in Design at the Politecnico di Milano. From 2003 to 2008 he was a member of the faculty of three PhDs in the Design area (no longer existing), at the Doctoral School of the Politecnico di Milano: Design and Multimedia Communication, Design and Product Development, Design and Technologies for the Enhancement of Cultural Heritage.

In 2006 he was elected as a member of a comparative evaluation committee for a position of researcher at the Università degli Studi di Roma “La Sapienza”. In 2008 he was elected as a member of a comparative evaluation committee for a position of researcher at the Politecnico di Torino. He has been a member of nine competition commissions for research grants at the Politecnico di Milano.

In detail:

2.1 Research activities management

2.1.1 Financed by public tenders, at the Politecnico di Milano

1. In 2023-25 he is the Scientific Director of the two-year research project “DSE-Darkscape Experience” founded through the PRIN-PNRR 2022 public tender, in cooperation with Università degli Studi di Roma “Tor Vergata” and Università degli Studi di Bologna. The DSE is a research project reconstructing historical interiors with authentic lighting conditions, including both daylight and nightlight, using ancient methods of "dark fruition." It digitally relocates original artworks within these virtual environments, allowing analysis of the overall setting and individual objects for educational and scientific purposes. Emphasizing darkness reflects the historical practice of appreciating art in complete darkness, prevalent from the 16th-18th centuries, enhancing material and stylistic qualities under various lighting, including torches, oil lamps, candles, and daylight. The project replicates these effects in virtual space.
2. In 2017-19 he was Scientific Director of the two-year research project "Bluelight", funded through the Regione Lombardia’s "Smart Living" tender, in collaboration with Panzeri Carlo Srl and Eelectron S.p.A. The research was aimed at developing and creating a relational network between Bluetooth Low Energy products, diffusion sensors and smartphones, for the intelligent control of lighting, to generate and optimise energy savings based on the presence of users in public and executive buildings, and ensure the well-being of users. Part of the results not covered by the NDA have been published in:
 - Rossi M., *Technologies for human centric lighting design in offices - Tecnologie per human centric lighting design negli uffici, Area, n 163, pp 8-11, March 2019, ISSN 0394-0055*
 - Rossi M., *Human Centric Lighting design in the international context - Human Centric Lighting design nel contesto internazionale, LUCE n 326 – 2018, pp 22-27, ISSN 1828-0560*
 - Rossi M., *A research applied to lighting control systems for energy saving and people’s well-being - Una ricerca applicata a sistemi di controllo dell’illuminazione per risparmio energetico e benessere delle persone, LUCE n 325 – 2018, pp 100-104, ISSN 1828-0560*
3. In 2012-14 he was Scientific Director of the two-year research project "New Light Vision, Nuovo sistema di illuminazione per utenze domestiche deboli: anziani, soggetti con mobilità ridotta e ipovedenti.", financed through the ATP tender of Regione Lombardia-MIUR, in collaboration with Light Contract/FLOS SpA, Design Group Italia, and D'Alesio&Santoro. The research was aimed at an environmental and lighting project for the elderly, people with reduced mobility and visually impaired people in the assisted living facility and residential areas. Part of the results not covered by the NDA have been published in:
 - Rossi M., *Design practice facing new technologies for Lighting, pp 477-482, Light Sources 2014, International Symposium on the Science and Technology of Lighting, June 22nd – 6th , 2014, Como, Italy, ISBN 978-0-9555445-6-9*
 - Musante F., Rossi M., *Resa cromatica delle sorgenti allo stato solido, Colour rendering of the sources at the solid state, LUCE n 304 – 2013, pp 58-65, ISSN 1828-0560*
 - Daria Casciani, Fulvio Musante, Maurizio Rossi, *Warm white, neutral white, cold white: the design of new lighting fixtures for different working scenarios, GdC-AIC XII Conferenza del Colore 2016 Turin, pp 81-92, September 2016, ISBN 978-88-99513-04-7*
4. In 2010-12 he was Scientific Director of the two-year research project “Nuovo sistema a LED per l’illuminazione delle aree urbane”, funded through Regione Lombardia’s tender “Interventi di ricerca industriale e sviluppo sperimentale nel settore dell’efficienza energetica 2009”, in collaboration with QLT Archimede Srl and Gianazza Angelo SpA. The research was aimed at the design and laboratory testing of LED lighting products able to compete in terms of economy performance with traditional light sources. Part of the results not covered by the NDA have been published in:
 - Musante F, Paleari D., Rossi M, *Simulation techniques in designing of LED devices, LUCE n 297 - 2012 , pp. 106-117, ISSN 1828-0560*

5. In 2010-12 he was Scientific Director of the two-year research project "Light +Energy+Information: Nuovi Territori Progettuali per il Network Pubblico", funded through Regione Lombardia's "ATP 2009" tender, in collaboration with Artemide SpA, Danese SpA, Oxytech Srl, Micromac Srl, Almeco SpA and Eliante SpA. The research was aimed at an innovative and integrated system of street furniture and lighting for urban interiors, i.e. places characterised by new models of social, cultural and economic relations, with particular attention to the aesthetic-perceptive qualities of space and ecological, social and economic sustainability. Part of the results not covered by the NDA have been published in:
 - Casciani D., Musante F., Rossi M., *Coloured lighting in the experience of urban spaces: research, results and guidelines*, GdC-AIC 9th Colour Conference 2012 Bologna, pp 53-60, September 2012 ISBN 88-387-6137-x
 - Casciani D., Rossi M., *ELSE, Experience of Lighting Sustainability in the Environment*, Cumulus Conference 2012, pp 1-14, 24-26 may 2012, Helsinki
 - Musante F., Rossi M., Paleari D., Casciani D., Siniscalco A., *LED: qualità della luce e efficienza*, LUCE n 300/301 - 2012, pp 58-61, ISSN 1828-0560
6. In 2009 he was Scientific Director of the one-year research project, "OLA - LED nell'illuminazione stradale", funded by Fondazione Politecnico di Milano under the "Legge 598/94, 2009" tender, in collaboration with MAC. The research was aimed at the design of an innovative street lighting product based on LED sources. Particular attention was paid to the attempt to integrate the elements functional to heat dissipation within a clean and balanced line.
7. In 2009-12 he was Scientific Director of the three-year research project "LED Advance Design", funded by Artemide through the ALADIN program of the "Industria 2015 National Research Program" tender. The research was aimed at methodologies in the design of LED lighting systems for museum applications and street lighting. Part of the results not covered by the NDA have been published in:
 - Musante F. and Rossi M., *Colorimetry evaluation supporting the design of LED projectors for paintings lighting: a case study*, Journal of the International Colour Association, vol 8, pp 44-54, 2012, ISSN 2227-1309
 - Musante F., Paleari D., Rossi M., Zanola F., *Image based technique for colorimetric characterization of the light field emitted by LED projector with variable CCT for museum lighting*. AIC 2011, *Interaction Of Colour & Light In The Arts And Sciences, Midterm Meeting of the International Colour Association*, pp 601-604 Zurich June 2011, ISBN 978-3-033-02929-3
 - Musante F., Rossi M., *Tecnologia e luce LED: introduzione alla valutazione dell'affidabilità e misura delle performance luminose*, Luce & Design, n 3, pp 64-67, 2010, ISSN 1722-7402
8. In 2007-09 he was Scientific Director of the two-year research program "Luce, Ambiente, Uomo", funded by the "Metadistretti" tender from the Regione Lombardia's Design sector, in collaboration with Artemide SpA, Danese SpA, Oxytech Srl, Micromac Srl and 2Elle Srl. The research was aimed at the theme of Environmental Design with reference to the lighting product and the control of other elements such as interior colour, sound and air quality. The tender was open to public research bodies throughout Europe. Part of the results not covered by the NDA have been published in:
 - Marino R., Rossi M., *Out of Sight. An investigation on optically-changing smart materials*, The Create 2010 Conference, pp 390-394, Gjøvik, Norway, June 2010, ISBN 978-82-91313-46-7
 - Rossi M., Siniscalco A., Zanola F., *From Physiology to a new sustainable Lighting Design: the "My White Light" case study*, Multiple Ways to Design Research Symposium 2009, pp 272-278, Lugano, 12-13 November 2009, ISBN 978-88-6463-008-3
 - Rossi M., *Individual Well-Being, Lighting Design Experiences for Residential Interiors*, proc. of Designing Designer 2009, pp 107-117, Milan, April 2009, ISBN 978-88-387-4358-4
 - Musante F., Rossi M., *Chromatic representation of the spatial distribution of radiometric data for lighting system Design*, SIOF-Color Conference, pp 277-285, September 2008, ISBN 978-88-7957-282-8
 - Rossi M., *Design della Luce – Fondamenti ed esperienze nel progetto della luce per gli esseri umani*, Ed. Maggioli, giugno 2008, ISBN 978-88-387-4698-2.

2.1.2 Management of research activities financed by contracts or agreements, at the Politecnico di Milano

9. In 2018-19 he was Scientific Director of the research project order "LLU/MR/2018/02 OTOMO", funded by Eelectron SpA. The research was aimed at experimenting with lighting design, measurements and usability tests for the new Otomo office automation system, developed by Eelectron, for the intelligent control of lighting, dimming and HVAC, towards energy-saving and the well-being of office staff. Part of the results not covered by the NDA have been published in:
 - *Rossi M., Baldone N., The OTOMO research applied to office lighting design: Experiments and tests - La ricerca OTOMO applicata al lighting design degli uffici: sperimentazioni e test, LUCE n 327 – 2019, pp 28-33, ISSN 1828-0560 (EN/IT)*
10. In 2016 he was Scientific Director of the one-year research project "Design sustainable interiors: lighting and wellbeing", funded by MiSE with D.M. 21.4.2016, in collaboration with ENEA, Politecnico di Torino and Università di Napoli Federico II. The research was aimed at mapping the current domestic lighting context, both natural and artificial, in terms of sustainability, energy efficiency and the well-being of people, and to study with subsequent degrees of detail their evolution in the short/medium term future towards the design of an LED lighting product. Part of the results not covered by the NDA have been published in:
 - *Rossi M, Casciani D., Musante F., Chromatic and spectral quality of lighting for self-dependent elderly people well-being: a case study, 13th AIC Congress 2017 Being Color With Health, Editors Youn Jin Lee, Jisoo Hwang, Hyeon Jeong Suk, Yung Kyung Park, Jeju Korea, 16-20 October 2017, OS21-7, pp 1-4, Published by Korea Society of Color Studies (KSCS), ISBN 978-89-5708-276-8*
 - *Casciani D., Rossi M., Circadian lighting design: analysis of the properties of natural lighting in a home environment, GdC-AIC XIII Conferenza del Colore 2017 Naples, pp 114-125, September 2017, ISBN 978-88-99513-06-1*
11. In 2015 he was Scientific Director of the one-year research project "Lighting Design for well-being", funded by MiSE with D.M. 4.3.2013, in collaboration with ENEA, Università di Milano, Università la Sapienza and Università di Napoli Federico II. The research was aimed at assessing the impact and possible application scenarios of new SSL technologies in relation to the physiological and psychological aspects that artificial light induces on humans, especially in terms of well-being, both in office and residential contexts. Part of the results not covered by the NDA have been published in:
 - *Casciani D., Musante F., Rossi M., Fumagalli S., Exploring interaction with office lighting: a case study, pp 120-125, LUX Europa 2017 European Lighting Conference, Ljubljana, Slovenia, 18-20. September 2017, Editor Matej B. Kobav, Published by Lighting engineering society of Slovenia, ISBN 978-961-93733-4-7*
12. In 2014 he was Scientific Director of the one-year research project "Lighting Design nell'industria", funded by MiSE with D.M. 4.3.2013, in collaboration with ENEA, Università di Milano, Università la Sapienza and Università di Napoli Federico II. The research was aimed at designing a lighting system for industrial applications to meet the criteria of energy saving, reduced maintenance, improvement of the visual comfort of workers, and customisation of the lighting atmosphere. Part of the results not covered by the NDA have been published in:
 - *Daria Casciani, Fulvio Musante, Maurizio Rossi, Warm white, neutral white, cold white: the design of new lighting fixtures for different working scenarios, GdC-AIC XII Conferenza del Colore 2016 Turin, pp 81-92, September 2016, ISBN 978-88-99513-04-7*
13. In 2013 he was Scientific Director of the one-year research project "Advance LED Lighting design", funded by MiSE with D.M. 4.3.2013, in collaboration with ENEA, Università di Milano, Università la Sapienza, and Neri Illuminazione SpA. The research was aimed towards energy-saving in office lighting through the development and analysis of innovative products with remote phosphor LEDs. Part of the results not covered by the NDA have been published in:
 - *Rossi M., Musante F., Casciani D., Fumagalli S., PLUS, Public Lighting Unit System, pp 738-742, LUX Europa 2013 - 12th European Lighting Conference, Kraków 17-19 September 2013, Ed. Polski Komitet Oswietleniowy SEP, ISBN 978-83-910849-6-0*

14. In 2012 he was Scientific Director of the one-year research project "Advance LED Lighting design in public lighting", funded by MiSE with D.M. 19.3.2009, in collaboration with ENEA, Università di Milano, Università la Sapienza, and Neri Illuminazione SpA. The research was aimed towards energy-saving in urban lighting, achieved through the use of LED light sources and the possible integration of public lighting with other service networks. Part of the results not covered by the NDA have been published in:
- Rossi M., Musante F., *Representation of Chromatic distribution for lighting system, IS&T/SPIE Electronic Imaging 2015, Color Imaging XX: Displaying, Processing, Hardcopy, and Applications*, pp 939518-1 939518-1 , 8–12 February 2015, San Francisco, ISBN 978-1-6284-1485-1
 - Casciani D., Rossi M., *Perceptions and Emotions of Urban Coloured Lighting Atmospheres*, pp 771-774, *AIC Colour 2013, 12th Congress of the International Colour Association*, 8-12 July, 2013, Newcastle, ISBN 978-0901623027
15. In 2011 he was Scientific Director of the six-month research project “Integrazione di Tecnologie SMART nel Lighting Design”, funded by MiSE with D.M. 19.3.2009, in collaboration with ENEA, Università La Sapienza, Università di Pisa, Politecnico di Bari and CRIET- Univ. Milano Bicocca. Part of the results not covered by the NDA have been published in:
- Casciani D., Musante F., Paleari D., Rossi M., *Analysis of Three Projects to Optimize the Design of Street Lights*, p. 156-167, *LED Lighting Technologies - Winning Approaches - LED professional Symposium + Expo LpS 2012 Bregenz*, 25 – 27, Ed. Luger Research E.U., Dombrin, Austria, September 2012 ISBN 978-3-9503209-4-7
16. In 2011 he was Scientific Director of the one-year research project "Advance LED Lighting Design in Public Lighting", funded by MiSE with D.M. 19.3.2009, in collaboration with ENEA, Università di Milano, Università la Sapienza, and Cross Point Srl. The research was aimed at developing methodologies for the design of efficient lighting systems in public spaces and manageable within Smart Street. Part of the results not covered by the NDA have been published in:
- Rossi M., F. Musante, D. Casciani, S. Fumagalli, G. Leonardi, *PLUS Public Lighting Unit System*, Poster at *Smart Lighting 2012 conference*, 31.1.12 2012 Dusseldorf, Germany
17. In 2009-11 he was Scientific Director of the two-year research project order "Performance checks on LED lighting products" funded by QLT - Archimede. The research was aimed at optimising LED lighting products through the experimentation of new formal solutions and laboratory tests. Part of the results not covered by the NDA have been published in:
- Paleari D., Casciani D., Rossi M., *Le nuove tendenze nella solid state lighting: i led multichip*, *New trends in solid-state lighting: multi-chip LEDs*, *Lighting Magazine n. 24*, pp 92-94, 2011 ISSN 2037-1322
18. In 2010 he was Scientific Director of the one-year research project "Street Lamp - Lampade a LED”, funded by Fraen. The project led to the design of an innovative street lighting system based on LED sources through the use of high-efficiency optical collimators. Part of the results not covered by the NDA have been published in:
- Casciani D., Paleari D., Rossi M., *Il design del solid state lighting: una sperimentazione continua*, *Luce n 5*, pp 61-65, 2011, ISSN 1828-0560
19. In 2010 he was Scientific Director of the one-year research project “Lighting Design negli esterni urbani”, funded by MiSE with D.M. 23.3.2006, in collaboration with ENEA, Università di Milano, Università la Sapienza, and Oxytech Srl. The research was aimed at developing system technologies for increasing energy efficiency in the field of public lighting in urban spaces, in terms of assisted design, innovative integration, and intelligent management of an entire district. Part of the results not covered by the NDA have been published in:
- Casciani D., Rossi M., *The colour of lighting as a new tool to design urban interiors: the transformation of underground spaces of the cities*. *SIOF-Color Conference 2011 Roma*, pp 113-120, September 2011, ISBN 88-387-6043-8
 - Guzzetti S., Rossi M., Musante F., *Futura: un apparecchio di illuminazione con LED per parchi e aree pedonali*, *Luce & Design*, n 5, p 22-23, 2009, ISSN 1722-7402

20. In 2008 he was Scientific Director of the one-year research project "Eco Light Design", funded by MiSE with D.M. 23.3.2006, in collaboration with ENEA and Alenia-Aermacchi SpA. The research was aimed at the environmental design of artificial/natural lighting in industrial workplaces, aimed at energy-saving and a proper assessment of the psycho-physiological effect of light on workers. The first results of this research were applied to the case study of the lighting design for an industrial building of Alenia-Aermacchi, in July 2008. Since this is an installation with a military context, it was not possible to publish anything due to NDA obligations.
21. In 2008 he was Scientific Director of the one-year research project for the 3D reconstruction of the Roman remains of the Great St Bernard Pass, financed in agreement with the Regione Valle D'Aosta. The research dealt with the theme of a virtual philological reconstruction, but was also based on reliefs and an analysis of the plausible colour and lighting conditions of the original buildings. Part of the results not covered by the NDA have been published in:
- *Siniscalco A., Rossi M., Appolonia L., Paleari D., Digital color for the reconstruction of the archaeological site of the Plan de Jupiter Aosta, SIOF-Color Conference, pp 215-220, September 2011, ISBN 88-387-6043-8*
22. In 2005-07 he was Scientific Director of the two-year research project Fisiolux, funded by Artemide SpA. The research was aimed at developing innovative lighting products and systems based on surveys of human emotional and physiological states as a function of lighting. The research investigated the physiological effects of ambient lighting on the design of lighting products that allow dynamic variations in the quantity and chromaticity of light. Part of the results not covered by the NDA have been published in:
- *Musante F., Rossi M., Chromatic representation of the spatial distribution of radiometric data for lighting system Design, SIOF-Color Conference, pp 277-285, September 2008, ISBN 978-88-7957-282-8*
 - *Rossi M., Fallica C., Siniscalco A., Seassaro A., Una ricerca applicata per un sistema di illuminazione che consideri gli effetti fisiologici della illuminazione artificiale, VIII Congresso nazionale SIE, l'Ergonomia tra innovazione e progetto, pp 337-341, febbraio 2006, ISBN 88-7186-315-1.*
 - *Rossi M, Siniscalco A., Fallica C., Seassaro A., On light and color effects for interior lighting Design: part I theory, SIOF-Color Conference, pp 145-156, September 2006, ISBN 88-7957-252-0.*
 - *Rossi M, Fallica C., Siniscalco A., Seassaro A., On light and color effects for interior lighting Design: part II applications, SIOF-Color Conference, pp 157-168, September 2006, ISBN 88-7957-252-0.*
23. In 2004 he was Scientific Director of the research project "Illuminazione di alimenti-Food Lighting", financed by Castaldi Illuminazione SpA. The research evaluated, on a sample of 120 individuals of various ages, different design solutions of the chromatic characteristics of lighting products compared to the choices made by individuals on various types of food. Part of the results not covered by the NDA have been published in:
- *Rossi M., Rizzi A., Color temperature variation for fresh food lighting: a test on user preferences, in Color in Food: Technological and Pyschophysical Aspects edited by Jose Luis Caivano and Maria del Pilar Buera, CRC Press, Taylor & Francis Group Inc., pp 389-400, 2012, ISBN 978-1-4398-7693-0*
 - *Rossi M., Rizzi A., Color temperature variation for food lighting: A test on user preferences, AIC 2010, Color and Food, From the Farm to the Table, Interim Meeting of the International Color Association, Mar del Plata, Argentina, October, 2010, pp 310-313, ISBN 978-987-24707-2-2*
 - *Castaldi G., Fallica C., Rossi M., Illuminazione degli alimenti - Una ricerca applicata, Luce & Design, Ed. Tecniche Nuove, n. 6, pp 84-89, ottobre 2004, ISSN 1722-7402.*
24. In 2003 he was Scientific Director of the research project order "Light Design in Vending Machine", funded by Necta Vending Solutions SpA. In the research, the problems of designing the luminous and lighting elements inside food and beverage vending machines were addressed, providing the company with a series of possible solutions to improve its products. Part of the results not covered by the NDA have been published in:
- *Fallica C., Rossi M., Il Design dell'interfaccia per il comando luce, Disegno e Design Digitale, Ed. Poli.Design Milano, n 7, pp 43-52, ottobre 2003, ISSN 1594-9672*
25. In 2002-03 he was Scientific Director of the research project "Integrazione e Sviluppo Software per la Progettazione illuminotecnica", funded by Oxytech Srl. In the research, the theme of

lighting design using CAD systems was addressed, providing the company with specifications and solutions aimed at developing CAD tools for lighting design. Part of the results not covered by the NDA have been published in:

- *Marini D., Rizzi A., Rossi M., Post-Filtering for Color Appearance in Synthetic Images Visualization, Journal of Electronic Imaging, Ed. SPIE, Bellingham WA, USA, Vol. 13, No. 1, pp. 111-119, January 2004, ISSN 1017-9909*
- *Rossi M., Selmo D., Una ricerca applicata per la visualizzazione qualitativa di calcoli illuminotecnici, Luce n. 2, v 44, AIDI Associazione Italiana di Illuminazione, pp 24-29, 2005, ISSN 1120-3498.*
- *Rossi M., Selmo D., Strumenti innovativi per il Lighting Design tramite la progettazione di interfacce software, in La luce come strumento di progetto a cura di Rossi. M e Seassaro A., pp 49-61, Ed. Aracne Roma, gennaio 2006, ISBN 88-548-0306-5.*

2.1.3 Direction of research activities financed by contracts or agreements with the CNR

26. In 1998-2002, he was appointed Scientific Director of an industrial research operating unit related to the national applied research project “Multimedialità” CNR-MURST d.m. 21.1.97 (g.u. n. 28 del 4.2.97), under the theme IV “Applicazioni ai beni Culturali: Interfacce per l'accesso a basi dati multimediali”, aimed at developing interfaces for networked access to multimedia data for the preservation and enhancement of cultural heritage. Research topics concerning the perceptual effects induced by lighting on cultural heritage were also explored in depth. Part of the results not covered by the NDA have been published in:

- *Rossi M., Salonia P. (a cura di e di), Comunicazione multimediale per i beni culturali, Ed. Addison Wesley, settembre 2003, ISBN 88-7192-176-3*
- *Rossi M., Marini D., Rizzi A., Methods and application for photorealistic rendering and lighting of ancient buildings, Journal of Cultural Heritage, Elsevier, vol. 5 n. 3, pp 291-300, September 2004, ISSN 1296-2074*
- *Rossi M., Selmo D., Marini D., A phylogenetic virtual reconstruction hypothesis of the Roman Theatre of Aosta, - Electronic Imaging & the Visual Arts - EVA Florence 2005, pp 135-140, march 2005, ISBN 88-371-1546-6*
- *Rossi M., Salonia P., Negri A., Selmo D., Virtual reality metaphor for data handling and retrieval in conservation of cultural assets, in proceedings Electronic Imaging & the Visual Arts - EVA Florence 2004, pp 210-215, April 2004, ISBN 88-371-1479-6*

2.2 Direction or participation in the activities of research groups and associations

- In September 2021 he is elected as Vice-President for 2022-2023 and President for 2024-2025 of the AIC- International Colour Association.
- In July 2021 he is elected in the Board of Directors of the SID-Società Italiana di Design for 2021-2023.
- Since 2018 he has been a member of the Executive Committee of the AIC (International Colour Association).
- From 2012 to 2018 he was elected for two terms as President of the GDC- Associazione Italiana Colore.
- Since 2014 he has been the Editor-in-Chief of the Color Culture & Science Journal, published by GDC - Associazione Italiana Colore.
- From 2009 to 2012 he was elected National Coordinator of the Gruppo del Colore.
- From 2017-2019 he has been a member of the ILA-International Light Association.
- Since 2014 he has been a member of the SID-Società Italiana di Design.
- Since 2003 he has been a member of AIDI-Associazione Italiana di Illuminazione.

2.3 Participation in research activities (1990-1999)

- In 1998-99 he collaborated on a contract basis with Eidocom Srl, financed by the Consorzio Milano Ricerche on the theme: Visual photorealistic and lighting simulation of multi-purpose

exhibition spaces, aimed at developing an advanced methodology of photorealistic simulation. Part of the results not covered by the NDA have been published in:

- Marini D., Rizzi A., Rossi M., *Color Constancy Measurement for Synthetic Image Generation*, Journal of Electronic Imaging, Ed. SPIE, Bellingham WA, USA, N. 4, Vol. 8, pp 394-403 October 1999, ISSN 1017-9909
- In 1994-96 he collaborated on a contract basis with the Laboratorio di Eidomatica of the università degli Studi di Milano in the strategic project financed by the CNR “Conoscenza per Immagini - Un’applicazione ai beni culturali”, in the research and development of technical light rendering software in the simulation of the restoration of cultural heritage. Part of the results not covered by the NDA have been published in:
 - Rossi M., *Metodi e strumenti per la rappresentazione di edifici storici e del territorio*, Disegno e Design Digitale n 4, Ed. Poli.Design, Milano, pp 38-50, dicembre 2002, ISSN 1594-9672
 - Rossi M., Marini D., Rizzi A., *Chromatic Adaptation Post-Filtering in Image Synthesis Reproduction of Ancient Building for Restoration Support*, in proceedings ICHIM01 ed. D. Bearman & F. Garzotto, pp 155 – 168, Milan, September 2001, ISBN 1-885626-24-X
 - Marini D., Rossi M., Moltedo L., Salvetti O. *Virtual Reality And Web Tools To Convey The Visual Information Of Ancient Monuments*, Computer Networks and ISDN Systems, n 29, pp 1655-1660, Elsevier, Amsterdam, November 1997, ISSN 0169-7552
 - Marini D., Rossi M., *Cultural Heritage Data Base Interface, a case study: The Aosta Roman Theatre*, in proceedings Cultural Heritage Networks Hypermedia & Medici Framework – Projects and Case Study Presentation, 4rd international conference, Milano, Medici Framework, september 1999
- In 1995 he collaborated on a contract basis with the Laboratorio di Eidomatica of the Università degli Studi di Milano in the research project financed by MURST “40% Workstation Multimediale – Strumenti software per la generazione e fruizione multimediale” towards the design and development of systems for multimedia communication in virtual reality environments.
- In 1993-94 he collaborated on a contract basis with Laboratorio di Eidomatica of Università degli Studi di Milano in “Progetto Finalizzato Sistemi Informatici e Calcolo Parallelo”, financed by the CNR, in the development of interfaces for the use of the Autocad design software for the calculation of lighting. Part of the results not covered by the NDA have been published in:
 - Marini D., Canesi A., Gatti C., Rossi M. *Parallelising Accelerated Ray Tracing for High Quality Image Synthesis, inside A. De Gloria Transputer Applications and Systems '94*, pp 40-53 IOS Press, Amsterdam 1994, ISSN 0925-4986
- In the summer of 1993, participating in the European project “Interactive Image Synthesis and Processing on Innovative Architecture”, he worked at the Centre of Novel Computing of the Computer Science Department of the University of Manchester (UK) with Prof. R. Hubbard, in the development of software for the calculation of lighting with Kendall Square Research multiprocessor computers.
- In 1991 he collaborated on a contract basis with the Dipartimento di Ingegneria Idraulica ed Ambientale of Università di Pavia in the framework of “Consorzio Nazionale Difesa dalle Catastrofi-CNR”, in the development of the graphics of the Flossy integrated system, for the calculation, simulation, and prevention of floods in urban areas.
- In 1990-91 he collaborated on a contract basis with the Laboratorio di Eidomatica of Università degli Studi di Milano and Consorzio Milano Ricerche, in the framework of the European project "Value", in the research and development of software aimed at holographic storage techniques.

2.4 Conference organization

- In September 2021 he was co-chair of the 14th "AIC Congress 2021" held in Milano, the four-years international Congress of the AIC-International Color Association organized in 2021 by the Associazione Italiana Colore. The congress had an international scientific committee and adopted the double blind peer review for the selection of papers and the publication of the proceedings.

- In September 2015 he was co-organizer of the 11th "Conferenza del Colore" held at the Politecnico di Milano, an international meeting organized in collaboration with Colour Group Great Britain, Centre Français De La Couleur, Groupe Français De L'imagerie Numérique Couleur. The conference had an international scientific committee and adopted the peer review for the selection of papers and the publication of the proceedings. The results have been published in two books:
 - Rossi M., Casciani D, editors, *Colour and Colorimetry Multidisciplinary Contributions Vol. XIb*, Ed. Gruppo del Colore – Associazione Italiana Colore, Milano, pp 390, October 2015, ISBN 978-88-99513-01-6, (EN)
 - Rossi M., Marchiafava V. editors, *Colore e colorimetria contributi multidisciplinari Vol XIa*, Ed. Gruppo del Colore – Associazione Italiana Colore, Milano, pp 620, October 2015, ISBN 978-88-99513-01-6 (IT)
- In September 2014 he was co-organizer of the 10th "Conferenza del Colore" held at the Università di Genova, an international meeting organized in collaboration with Colour Group Great Britain, Centre Français De La Couleur, Groupe Français De L'imagerie Numérique Couleur. The conference had an international scientific committee and adopted the peer review for the selection of papers and the publication of the proceedings. The results have been published in two books:
 - Rossi M. editor, *Colour and Colorimetry Multidisciplinary Contributions Vol. Xb*, Ed. Maggioli, Bologna, pp 479 July 2014, ISBN 978-88-916-0438-5, (EN)
 - Rossi M., Marchiafava V. editors, *Colore e colorimetria contributi multidisciplinari Vol Xa*, Ed. Maggioli, Bologna, pp 864, July 2014, ISBN 978-88-916-0437-8 (IT)
- In September 2013 he was co-organizer of the 9th "Conferenza del Colore" held at the Università di Firenze, an international meeting organized in collaboration with Colour Group Great Britain. The conference had an international scientific committee and adopted the peer review for the selection of papers and the publication of the proceedings. The results have been published in two books:
 - Rossi M. editor, *Colour and Colorimetry Multidisciplinary Contributions Vol. IXb*, Ed. Maggioli, Bologna, pp 564 July 2013, ISBN 978-88-387-6242-0, (EN)
 - Rossi M., Siniscalco A. editors, *Colore e colorimetria contributi multidisciplinari Vol IXa*, Ed. Maggioli, Bologna, pp 871, July 2013, ISBN 978-88-387-6241-3 (IT)
- In September 2012 he was co-organizer of the 8th "Conferenza del Colore" held at the Università di Bologna. The conference had an international scientific committee and adopted the peer review for the selection of papers and the publication of the proceedings. The results have been published in two books:
 - Rossi M. editor, *Color and Colorimetry Multidisciplinary Contributions Vol. VIIIb*, Ed. Maggioli, Bologna July 2012, ISBN 88-387-6137-x, EAN 978-88-387-6137-9 (EN)
 - Rossi M., Siniscalco A. editors, *Colore e colorimetria contributi multidisciplinari Vol VIIIa*, Ed. Maggioli, Bologna July 2012, ISBN 88-387-6136-1, EAN 978-88-387-6136-2 (IT)
- In September 2011 he was co-organizer of the 7th "Conferenza del Colore" held at the Università Sapienza di Roma. Starting from this edition, the conference internationalized with the establishment of an international scientific committee and the establishment of sessions in English. The conference had an international scientific committee and adopted the peer review for the selection of papers and the publication of the proceedings. The results have been published in two books:
 - Rossi M. editor, *Color and Colorimetry Multidisciplinary Contributions Vol. VIIb*, Ed. Maggioli, Bologna July 2011, ISBN 88-387-6043-8 (EN)
 - Rossi M. editor, *Colore e colorimetria contributi multidisciplinari Vol VIIa*, Ed. Maggioli, Bologna July 2011, ISBN 88-387-6042-X (IT)
- In September 2011 he was co-organizer of the 7th "Conferenza del Colore" held at the Università del Salento di Lecce. The results have been published in the book:
 - Rossi M. editor, *Colore e colorimetria contributi multidisciplinari Vol VI - Color and Colorimetry Multidisciplinary Contributions Vol. VI*, Ed. Maggioli, Bologna July 2010, ISBN 978-88-387-4469-6 (EN/IT)
- In April 2009 he was co-organizer of the "Designing Designers – Where Does Light Move To? Lighting Design Innovation Scenarios International Conference of University Courses in Design

2009”, in collaboration with COSMIT at the Salone del Mobile. The conference was dedicated to design research and teaching on lighting design and lighting products. The results have been published in the book:

- *Rossi M. editor, Designing Designers: Where Does Light Move To? Lighting Design Innovation Scenarios. International Conference of university courses in Design, April 2009, ISBN 978-88-387-4358-4 (EN)*
- In April 2007 he was co-organizer of the “Designing Designers – Light as an Architectural Matter: Lighting Design. International Conference of University Courses in Design 2007”, in collaboration with F. Scullica and COSMIT at the Salone del Mobile. The conference was dedicated to design research and teaching on lighting design and lighting products. The results have been published in the book:
 - *Rossi M. Scullica F. editors, Designing Designers: Light as an architectural matter - Lighting Design. International Conference of university courses in Design, March 2008, ISBN 978-88-87981-98-8. (EN)*
- In April 2005 he was co-organizer, in collaboration with Paolo Salonia (CNR-ITABC), of the conference "Multimedia.Information@Design for Cultural Heritage". This conference was organized to foster a multidisciplinary debate within the scientific community, to take stock of the state of the art regarding the use of emerging technologies and to make a contribution to scientific research, for a method that manages and justifies the design choices regarding the recovery and enhancement of cultural heritage. The results have been published in the book:
 - *Rossi M., Salonia P. editors, Multimedia.Information@Design for Cultural Heritage, Ed. Aracne Roma, March 2005, ISBN 88-548-0029-5. (EN)*

2.5 Participation as a speaker at conferences

1. On 1.9.2021 in Milan, he participated as a speaker on the theme "A proposal for the definition of colored light sources in lighting CAD ", at the International AIC2021 14th Congress which used the peer review for oral selection and publication of the proceedings.
2. On 16.10.2019 in Buenos Aires Argentina, he participated as a speaker on the theme "Project Work Experiences in Post-graduate Education on Color Design", at the International Conference "AIC2019 Midterm Meeting Color and Landscape" which used the peer review for oral selection and publication of the proceedings.
3. On 26.9.2018 in Lisbon Portugal, he participated as a speaker on the theme "The natural spring chromaticity in interior: a case study for elderly people", at the International Conference "AIC2018 Interim Meeting Color & Human Comfort" which used the peer review for oral selection and publication of the proceedings.
4. On 5.6.2018 in Sofia Bulgaria, he participated as a speaker on "Lighting Design Research For Horticultural Vegetables Growing: A Case Study", at the International Conference "VII ° BalkanLight 2018" which used the peer review for oral selection and publication of the proceedings.
5. On 19.10.2017 in Jeju Korea he participated as a speaker on the theme "Chromatic and spectral quality of lighting for self-dependent elderly people: a case study", at the International Conference "13th AIC Congress 2017 Being Color With Health", which has used peer review for oral selection and publication of proceedings.
6. On 31.5.2017 in Hamburg Germany participated as a speaker on the topic "Prototyping Luminous Experiences" at the International Conference "Smart Lighting Conference 2017" which used the peer review for oral selection.
7. On 20.10.2016 in Santiago del Chile he participated as a speaker on the theme "Color Education: a Basic Methodology and a Framework of Experiments for Color and Lighting Design Teaching", at the International Conference "AIC2016 Interim Meeting of the International Color Association - Color in Urban Life: Images, Objects and Spaces ", which used peer review for oral selection and publication of proceedings.

8. On 8.9.2016 in Turin Italy he participated as a speaker on the topic "Warm white, neutral white, cold white: the design of new lighting fixtures for different working scenarios", at the International Conference "XII Color Conference", which used the peer review for oral selection and publication of proceedings.
9. On 21.5.2015 in Tokyo Japan he participated as a speaker on the topic "A novel experience in color teaching: Master in Color Design & Technology" at the International Conference "AIC2015 Color and Image, Midterm Meeting of the International Color Association", which used the peer review for oral selection and publication of proceedings.
10. On 26.6.2014 in Como Italy he participated as a speaker on the theme "Design practice facing new technologies for Lighting" at the International Conference "Light Sources 2014, International Symposium on the Science and Technology of Lighting", which used the peer review for selection of the oral papers and the publication of the proceedings.
11. On 13.9.2012 in Bologna Italy he participated as a speaker on the topic "Colored lighting in the experience of urban spaces: research, results and guidelines" at the International Conference "IX Conferenza del Colore", which used the peer review for oral selection and the publication of the proceedings.
12. On April 25, 2009 in Milan Italy, he participated as a speaker on the topic "Individual Well-Being, Lighting Design Experiences for Residential Interiors" at the International Conference "Designing Designers 2009", with a scientific committee for oral selection and publication of the proceedings .
13. On 19.9.2008 in Como Italy he participated as a speaker on the theme "Chromatic representation of the spatial distribution of radiometric data for lighting system design" at the national conference "IV National Color Conference", which used the peer review for oral selection and the publication of the proceedings.
14. On 21.4.2007 in Milan Italy he participated as a speaker on "Experiences in teaching in the Light Design laboratory at the School of Design" at the International Conference "Designing Designers 2007", with a scientific committee for the selection of oral papers and the publication of acts.
15. On 21.10.2005 in Pescara Italy he participated as a speaker on "Real-time 3D color scale representation of computed illuminance levels" at the National Conference "The National Color Conference", which used the peer review for oral selection and publication of the proceedings.
16. On 18.3.2005 in Florence Italy he participated as a speaker on the topic "A phylogenetic virtual reconstruction hypothesis of the Roman Theater of Aosta" at the International Conference "Electronic Imaging & the Visual Arts - EVA Florence 2005", with a scientific committee for the selection of oral and the publication of the proceedings.
17. On 6.9.2001 in Milan Italy he participated as a speaker on the topic "Chromatic Adaptation Post-Filtering in Image Synthesis Reproduction of Ancient Building for Restoration Support", at the ICHIM2001 International Conference, which used peer review for oral selection and publication of the proceedings.

2.6 Participation in PhD faculties

- Since 2011 he has been a member of the PhD Faculty in Design, coordinated today by prof. Lucia Rampino, at the Politecnico di Milano.
- From 2006 to 2008 he was a member of the PhD in "Industrial design and multimedia communication", coordinated by prof. Ezio Manzini, at the Politecnico di Milano.
- From October 2004 to April 2008 he was a member of the PhD in "Design and Technology for the development of Cultural Heritage", coordinated by prof. Fabrizio Schiaffonati, at the Politecnico di Milano.

- From January 2003 to April 2008 he was a member of the PhD in "Design and Product Development Methods", coordinated by prof. Marco Gaiani and prof. Francesco Trabucco, at the Politecnico di Milano.

2.7 Tutor/supervisor of PhD students

- Since November 2022, as member of the PhD in Design at the Politecnico di Milano, he is the tutor of the PhD student Gianluca Guarini in a research dedicated to Integration of Lighting and Color Material Finishes Design in the Building Information Modelling methodology and relations with the Metaverse.
- Since November 2018, as member of the PhD in Design at the Politecnico di Milano, he is the tutor of the PhD student Ingrid Calvo in a research dedicated to the themes of multidisciplinary design of Color and Light.
- In 2013-16, in the PhD in Architectural and Urban Design at the Politecnico di Milano, he was the co-supervisor of the thesis of the PhD student Helena Gentili, dedicated to the themes of the analysis of the evolution of artificial lighting in the urban context.
- In 2011-2014, as member of the PhD in Design at the Politecnico di Milano, he was the tutor and thesis supervisor of the PhD student Daria Casciani, coordinating the research activity on the topic of analysis of the social effects of artificial lighting in the urban context.
- In 2005-08, as member of the PhD in Design and Product Development Methods at the Politecnico di Milano, he was the tutor and thesis supervisor of the PhD student Fulvio Musante, coordinating the research activity on the issues of photometric and chromatic verification for the design of innovative lighting products.
- In 2004-07, as member of the PhD in Design and Product Development Methods at the Politecnico di Milano, he was the tutor and thesis supervisor of the PhD student Andrea Siniscalco, coordinating the research activity on lighting product design methods.
- In 2004-05, as member of the PhD in Design and Product Development Methods at the Politecnico di Milano, he was the tutor of Thomas Algeri, for a PhD scholarship, funded by Oxytech, on the topic of CAD product development to support the lighting design, in which the problems of quantitative lighting representation were studied in depth.

2.8 Editorial activity

- Since 2014 editor-in-chief of the Color Culture & Science Journal published by Associazione Italiana Colore.
- Since 2017 member of the Editorial Board Committee of the JAIC Journal of the International Colour Association published by the AIC – International Colour Association.
- Since 2011 member of the Editorial Board Committee of SCIRES-IT - SCientific REsearch and Information Technology Journal.
- Since 2008 member of the Scientific Committee of LUCE published by the AIDI.

3. TEACHING ACTIVITY

From 1997 to 1999 at the Politecnico di Milano at the degree course of Industrial Design of the Facoltà di Architettura, and since 2000 at the Facoltà del Design, today Scuola del Design, he has been teaching in degree courses of design and representation techniques applied to design. He has been also Professor of PhD courses at the Politecnico di Milano doctoral school. Since 2004 he has been the director of 51 lifelong training courses of the Politecnico di Milano and 29 higher education courses of the Poli.Design consortium, concerning Lighting Design, which were held at the Laboratorio Luce of the Design dept. Since 2004, at Politecnico di Milano, he has been in charge of the didactic coordination and since 2010 he has been in charge of the direction of the Master Degree course in Lighting Design & LED Technology. Since 2014 he has been in charge of the direction of the Master Degree in Color Design & Technology.

Previously, from 1985 to 1990, he worked as a substitute teacher at high school technical institutes. From 1989 to 2002 he was tenured teacher (recognised by the Ministry of Education) at high-school, qualified in the classes A042 (Computer science) and C026 (Laboratory of Industrial Electronics). In the 90's, also thanks to the skills acquired in research activities, he took part as lecturer to professional refresher courses organized by public and private companies.

In detail:

3.1 Direction, coordination and support to the direction of university didactic activities

- From March 2004 to September 2005 he has been the secretary of the Degree in Industrial Design, directed formerly by the professor Flaviano Celaschi and later by the professor Antonella Penati, at the Facoltà del Design of the Politecnico di Milano.

3.1.1 Master programs

- Since 2010 he has been the **director of ten editions**, from 7th to 17th, of the Master program in Lighting Design & LED Technology, Scuola del Design - Politecnico di Milano
- Since 2014 he has been the **director of four editions**, from the 1st to the 4rd, of the Master program in Color Design & Technology, Scuola del Design - Politecnico di Milano
- In 2008-2010 he was the **deputy director of two editions**, the 5th and 6th, of the Master program in Lighting Design, Facoltà del Design - Politecnico di Milano
- In 2004-2008 he was the **tutor and didactic coordinator of four editions**, from the 1st to the 4th, of the Master program in Design e Tecnologie della Luce, Facoltà del Design del Politecnico di Milano

3.1.2 Direction of Higher Education Courses at the Poli.Design consortium of the Politecnico di Milano

1. In the AY 2019-20 he was the director of *Lighting Design. From the fundamentals to CAD, 14th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
2. In the AY 2017-18 he was the director of *Lighting Design for the Show, 14th edition*, dedicated to lighting design in the theatre and live music show.
3. In the AY 2018-19 he was the director of *Lighting Design. From the fundamentals to CAD, 13th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
4. In the AY 2018-19 he was the director of *Luce e Colore per Mediaset, 1st edition*, dedicated to the management of light and colour in television production sets.

5. In the AY 2018-19 he was the director of *Lighting Design for the Show, 13th edition*, dedicated to lighting design in the theatre and live music show.
6. In the AY 2017-18 he was the director of *Lighting product design, 3rd edition*, dedicated to the design of lighting products.
7. In the AY 2017-18 he was the director of *Lighting Design. From the fundamentals to CAD, 12th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
8. In the AY 2017-18 he was the director of *Lighting Design for the Show, 12th edition*, dedicated to lighting design in the theatre and live music show.
9. In the AY 2016-17 he was the director of *Lighting product design, 2nd edition*, dedicated to the design of lighting products.
10. In the AY 2016-17 he was the director of *Freelance Lighting Designer, 4th edition*, dedicated to introduce the independent profession of Lighting Designer.
11. In the AY 2016-17 he was the director of *LED Lighting Design for hospitality, 5th edition*, dedicated to lighting design in hospital reception areas.
12. In the AY 2016-17 he was the director of *Energy Saving in Lighting, 6th edition*, dedicated to the issues of energy saving through new lighting technologies.
13. In the AY 2016-17 he was the director of *Lighting Design for Cultural Heritage, 7th edition*, dedicated to lighting design in museum settings.
14. In the AY 2016-17 he was the director of *Lighting Design for the Show, 11th edition*, dedicated to lighting design in the theatre and live music show.
15. In the AY 2016-17 he was the director of *Lighting Design in urban environment: LED and new technologies, 7th edition*, dedicated to innovation in lighting design in urban environments.
16. In the AY 2016-17 he was the director of *LED Lighting Design, 10th edition*, dedicated to lighting design with LED sources.
17. In the AY 2016-17 he was the director of *Lighting Design. From the fundamentals to CAD, 11th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
18. In the AY 2015-16 he was the director of *Lighting Design for the Show, 10th edition*, dedicated to lighting design in the theatre and live music show.
19. In the AY 2015-16 he was the director of *Freelance Lighting Designer, 3rd edition*, dedicated to introduce the independent profession of Lighting Designer.
20. In the AY 2015-16 he was the director of *Energy Saving in Lighting, 5th edition*, dedicated to the issues of energy saving through new lighting technologies.
21. In the AY 2015-16 he was the director of *Lighting Design for Cultural Heritage, 6th edition*, dedicated to lighting design in museum settings.
22. In the AY 2015-16 he was the director of *Lighting Design in urban environment: LED and new technologies, 6th edition*, dedicated to innovation in lighting design in urban environments.
23. In the AY 2015-16 he was the director of *LED Lighting Design, 9th edition*, dedicated to lighting design with LED sources.
24. In the AY 2015-16 he was the director of *Lighting Design. From the fundamentals to CAD, 10th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
25. In the AY 2014-15 he was the director of *Freelance Lighting Designer, 2nd edition*, dedicated to introduce the independent profession of Lighting Designer.
26. In the AY 2014-15 he was the director of *Energy Saving in Lighting, 4th edition*, dedicated to the issues of energy saving through new lighting technologies.
27. In the AY 2014-15 he was the director of *Lighting Design for Cultural Heritage, 5th edition*, dedicated to lighting design in museum settings.

28. In the AY 2014-15 he was the director of *Lighting Design for the Show, 9th edition*, dedicated to lighting design in the theatre and live music show.
29. In the AY 2014-15 he was the director of *LED Lighting Design for retail, 6th edition*, dedicated to lighting design in shops and malls.
30. In the AY 2014-15 he was the director of *LED Lighting Design, 8th edition*, dedicated to lighting design with LED sources.
31. In the AY 2014-15 he was the director of *Lighting Design. From the fundamentals to CAD, 9th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
32. In the AY 2013-14 he was the director of *Lighting product design, 1st edition*, dedicated to the design of lighting products.
33. In the AY 2013-14 he was the director of *Freelance Lighting Designer, 1st edition*, dedicated to introduce the independent profession of Lighting Designer.

3.1.3 Direction of Lifelong Training Courses at the Design Dept. of the Politecnico di Milano

1. In the AY 2018-19 he was the director of *Wellness and smart lighting management in the workplaces*, dedicated to the themes of Human Centric Lighting in the Workplace.
2. In the AY 2013-14 he was the director of *Energy Saving in Lighting, 3rd edition*, dedicated to the issues of energy saving through new lighting technologies.
3. In the AY 2013-14 he was the director of *Measurements of LED lighting systems, 3rd edition*, dedicated to the issues of photometric measurements of the new LED lighting products.
4. In the AY 2013-14 he was the director of *LED Lighting Design for retail, 5th edition*, dedicated to lighting design in shops and malls.
5. In the AY 2013-14 he was the director of *Lighting Design for the Show, 8th edition*, dedicated to lighting design in the theatre and live music show.
6. In the AY 2013-14 he was the director of *LED Lighting Design for hospitality, 4th edition*, dedicated to the lighting design in the transition spaces of public areas.
7. In the AY 2013-14 he was the director of *Lighting Design in urban environment: LED and new technologies, 5th edition*, dedicated to innovation in lighting design in urban environments.
8. In the AY 2013-14 he was the director of *LED Lighting Design, 7th edition*, dedicated to lighting design with LED sources.
9. In the AY 2013-14 he was the director of *Lighting Design. From the fundamentals to CAD, 8th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.

3.1.4 Direction of Lifelong Training Courses at the In.D.A.co Dept. of the Politecnico di Milano

1. In the AY 2012-13 he was the director of *Energy Saving in Lighting, 2nd edition*, dedicated to the issues of energy saving through new lighting technologies.
2. In the AY 2012-13 he was the director of *Measurements of LED lighting systems, 2nd edition*, dedicated to the issues of photometric measurements of the new LED lighting products.
3. In the AY 2012-13 he was the director of *LED Lighting Design for retail, 4th edition*, dedicated to lighting design in shops and malls.
4. In the AY 2012-13 he was the director of *Lighting Design for the Show, 7th edition*, dedicated to lighting design in the theatre and live music show.
5. In the AY 2012-13 he was the director of *LED Lighting Design for hospitality, 3rd edition*, dedicated to lighting design in hospital reception areas.
6. In the AY 2012-13 he was the director of *Lighting Design for Cultural Heritage, 4th edition*, dedicated to lighting design in museum settings.

7. In the AY 2012-13 he was the director of *Lighting Design in urban environment: LED and new technologies, 4th edition*, dedicated to innovation in lighting design in urban environments.
8. In the AY 2012-13 he was the director of *LED Lighting Design, 6th edition*, dedicated to lighting design with LED sources.
9. In the AY 2012-13 he was the director of *Lighting Design. From the fundamentals to CAD, 7th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
10. In the AY 2011-12 he was the director of *Energy Saving in Lighting, 1st edition*, dedicated to the issues of energy saving through new lighting technologies.
11. In the AY 2011-12 he was the director of *Measurements of LED lighting systems, 1st edition*, dedicated to the issues of photometric measurements of the new LED lighting products.
12. In the AY 2011-12 he was the director of *LED Lighting Design for retail, 3rd edition*, dedicated to lighting design in shops and malls.
13. In the AY 2011-12 he was the director of *Lighting Design for the Show, 6th edition*, dedicated to lighting design in the theatre and live music show.
14. In the AY 2011-12 he was the director of *LED Lighting Design for hospitality, 2nd edition*, dedicated to the lighting design in reception areas on cruise ships.
15. In the AY 2011-12 he was the director of *Lighting Design for Cultural Heritage, 3rd edition*, dedicated to lighting design in museum settings.
16. In the AY 2011-12 he was the director of *Lighting Design in urban environment: LED and new technologies, 3rd edition*, dedicated to innovation in lighting design in urban environments.
17. In the AY 2011-12 he was the director of *LED Lighting Design, 5th edition*, dedicated to lighting design with LED sources.
18. In the AY 2011-12 he was the director of *Lighting Design. From the fundamentals to CAD, 6th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
19. In the AY 2010-11 he was the director of *LED Lighting Design for retail, 2nd edition*, dedicated to lighting design in shops and malls.
20. In the AY 2010-11 he was the director of *Lighting Design for the Show, 5th edition*, dedicated to lighting design in the theatre and live music show.
21. In the AY 2010-11 he was the director of *LED Lighting Design for hospitality, 1st edition*, dedicated to lighting design in hotel reception areas.
22. In the AY 2010-11 he was the director of *Lighting Design for Cultural Heritage, 2nd edition*, dedicated to lighting design in museum settings.
23. In the AY 2010-11 he was the director of *Lighting Design in urban environment: LED and new technologies, 2nd edition*, dedicated to innovation in lighting design in urban environments.
24. In the AY 2010-11 he was the director of *LED Lighting Design, 4th edition*, dedicated to lighting design with LED sources.
25. In the AY 2010-11 he was the director of *Lighting Design. From the fundamentals to CAD, 5th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
26. In the AY 2009-10 he was the director of *Lighting Design for retail, 1st edition*, dedicated to lighting design in shops and malls.
27. In the AY 2009-10 he was the director of *Lighting Design for the Show, 4th edition*, dedicated to lighting design in the theatre and live music show.
28. In the AY 2009-10 he was the director of *LED Lighting Design in residential spaces*, dedicated to lighting design in the home.
29. In the AY 2009-10 he was the director of *Lighting Design for Cultural Heritage, 1st edition*, dedicated to lighting design in museum settings.

30. In the AY 2009-10 he was the director of *Lighting Design in urban environment: LED and new technologies, 1st edition*, dedicated to innovation in lighting design in urban environments.
31. In the AY 2009-10 he was the director of *LED Lighting Design, 3rd edition*, dedicated to lighting design with LED sources.
32. In the AY 2009-10 he was the director of *Lighting Design. From the fundamentals to CAD, 4th edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
33. In the AY 2008-09 he was the director of *Lighting Design for the Show, 3rd edition*, dedicated to lighting design in the theatre and live music show.
34. In the AY 2008-09 he was the director of *LED Lighting Design, 2nd edition*, dedicated to lighting design with LED sources.
35. In the AY 2008-09 he was the director of *Lighting Design. From the fundamentals to CAD, 3rd edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
36. In the AY 2007-08 he was the director of *Lighting Design for the Show, 2nd edition*, dedicated to lighting design in the theatre, live music show and fashion show.
37. In the AY 2007-08 he was the director of *LED Lighting Design, 1st edition*, dedicated to lighting design with LED sources.
38. In the AY 2007-08 he was the director of *Lighting Design. From the fundamentals to CAD, 2nd edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
39. In the AY 2006-07 he was the director of *Lighting Design for the Show, 1st edition*, dedicated to lighting design in the theatre, live music show.
40. In the AY 2006-07 he was the director of *Basic Lighting Design*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
41. In the AY 2005-06 he was the director of *Lighting Design. From the fundamentals to CAD, 1st edition*, dedicated to the lighting design in interior, outdoor and the use of CAD tools for lighting design.
42. In the AY 2005-06 he was the director of *The software for lighting design*, dedicated to the use of CAD tools for lighting design.

3.2 Teaching in PhD courses

- In 2003-06 he was professor of the PhD course "Laboratory of Virtual Prototyping of Light" in the PhD in Design and Product Development Methods of the Politecnico di Milano.

3.3 Teaching in university courses

3.3.1 Teaching in design courses

- Since 2009 he has been professor of the monodisciplinary course "*Progettazione Illuminotecnica-Lighting Design*" at the second year of Interior Design degree course, at the Scuola del Design of the Politecnico di Milano (6 CFU).
- Since 2018 he has been professor of the course of "*Metodi di Progettazione-Design Methods*" (6 CFU) as part of the integrated course "*Strumenti e Metodi del progetto 2-Design Tools And Methods 2*" (12 CFU) at the degree course of the second year of Interior Design at the Scuola del Design of the Politecnico di Milano.
- In 2010-11 he was professor of "*Disegno del Prodotto Industriale - Industrial Product Design*" at the integrated course "*Laboratorio di Sintesi Finale-Final Synthesis Studio*" sec. P2 at the Laurea Magistrale course of the fifth year in Industrial Design at the Facoltà del Design of the

Politecnico di Milano (7,5 CFU). The course, in collaboration with Carlotta de Bevilacqua, Fabio Zanola and Chiara Bertolaia, face the topic of the lighting product design for urban interiors showcased at Expo 2015.

- In 2009-10 he was professor of “*Disegno del Prodotto Industriale - Industrial Product Design*” in the integrated course “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” sec. P2 at the fifth year of the Laurea Magistrale course of Industrial Design at the Facoltà del Design of the Politecnico di Milano (7,5 CFU). The course, in collaboration with Carlotta de Bevilacqua, Fabio Zanola and Chiara Bertolaja, faced the topic of the design of the lighting product for public spaces in urban interiors.
- In 2008-2009 he was professor of “*Disegno del Prodotto Industriale - Industrial Product Design*” in the integrated course “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” sec. P2 at the fifth year of the Laurea Magistrale course in Industrial Design at the Facoltà del Design of the Politecnico di Milano (7,5 CFU). The course, in collaboration with Carlotta de Bevilacqua, Alberto Seassaro, Fabio Zanola and Chiara Bertolaja, faced the topic of the lighting product design for a social light in the human spaces.
- In 2007-2008 he was professor of “*Progettazione Illuminotecnica-Lighting Design*” in the integrated course “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” sec. P2 at the fifth year of the Laurea Magistrale course in Industrial Design at the Facoltà del Design of the Politecnico di Milano (5 CFU). The course, in collaboration with Carlotta de Bevilacqua, Alberto Seassaro and Mario Bonomo, faced the topic of the design of the environmental product focused on polisensoriality and lighting system sustainability.
- In 2006-2007 he was professor of “*Industrial design*” in the integrated course “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” sec. P3 at fifth year of the Laurea Magistrale course in Industrial Design at the Facoltà del Design of the Politecnico di Milano (5 CFU). The course, in collaboration with Italo Rota, Carlotta de Bevilacqua, Alberto Seassaro and Marinella Patetta, faced the topic of the design of the environmental product focused on the development of lighting products and other elements for the waiting areas in interiors.
- In 2003-2004 he was professor in the Integrated Course “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” of the fifth year at the Facoltà del Design of the Politecnico di Milano (25 hours). The course in collaboration with Carlotta de Bevilacqua, Paolo Rosa and other academics, faced the topic of the design of the environmental product focused in outdoor and indoor urban areas, with the purpose to improve the environment quality of public spaces.
- In 2002-2003:
 - He was professor of “*Laboratorio di Tecnologie e Sperimentazione Prototipi-Laboratory of Technologies and Experimentation Prototypes*” sec. P4 fourth year at the Facoltà del Design of the Politecnico di Milano (25 hours). During the course, in collaboration with other professors, several topics about planning the environmental product for lighting were handled.
 - He was professor at the monodisciplinary course “*Tecnologie & Ambiente-Tecnologies & Environment*” sec. P4 fourth year at the Facoltà del Design of the Politecnico di Milano (50 hours). During the course some topics, about qualitative appraisal of the lighting design in interiors and outdoors areas by using IT tool, were handled.
- In 2001-2002:
 - He was adjunct professor at the course of “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” fifth year at the Facoltà del Design of the Politecnico di Milano (25 hours). In the course, in collaboration with Piero Castiglioni, Sebastiano Bagnara, Ruggero Pierantoni and other academics, it was faced the planning of the environmental product for urban outdoor areas focusing on lighting system and their control.

- He was adjunct professor at the monodisciplinary course “*Tecnologie & Ambiente-Technologies & Environment*” sec. P3 fourth year, at the Facoltà del Design of the Politecnico di Milano (50 hours). During the course some topics, about qualitative appraisal of the lighting design in interiors and outdoors areas by using IT tool, were handled.
- In 2000-2001 he was adjunct professor at the course of “*Laboratorio di Sintesi Finale-Final Synthesis Studio*” sec. P2 fifth year, at the III° Faculty of Architecture Design of the Politecnico di Milano (25 hours). During the course, in collaboration with Piero Castiglioni, Marinella Patetta, Alberto Seassaro, Ruggero Pierantoni and other academic, the topic of the planning of the environmental product for the lighting has been faced and they started to lay the planning foundations for the Laboratorio Luce & Colore of the Politecnico di Milano.

3.3.2 Teaching in courses of representation techniques applied to design

- From 2016 to 2018 he was professor for two years at the monodisciplinary course of “*Simulazione di Interni-Interior virtual simulation*” second year of the Interior Design degree course at the Scuola del Design of the Politecnico di Milano (6 CFU)
- From 2009 to 2016 he was professor for seven years of “*Tecniche della Rappresentazione-Techniques of the Representation*” in the integrated course “*Laboratorio di Rappresentazione dello Spazio- Laboratory of Space Representation*”, second year of the Interior Design degree course at the Scuola del Design of the Politecnico di Milano (5 CFU)
- From 2001 to 2009 he was professor for eight year of “*Tecniche della Rappresentazione (per il disegno industriale)-Techniques of the Representation (for industrial design)*” in the integrated course “*Laboratorio di Computer Grafica*” second year of the Interior Design degree course at the Facoltà del Design of the Politecnico di Milano (5 CFU)
- From 1998 to 2000 he was adjunct professor for two years of “*Sistemi Informativi (applicati all’illuminotecnica) Information Systems (applied to the lighting design)*” fourth year of Industrial Design degree course at the Politecnico di Milano (50 hours).
- In AY 1997-1998 he was adjunct professor of “*Disegno Automatico (rendering illuminotecnico)-Automatic drawing (Lighting Rendering)*” at the third year of the Industrial Design degree course at the Politecnico di Milano (25 hours).

3.3.3 Teaching in university course of other universities

- From 2008 to 2013 he has been a substitute professor for five years of “*Elementi di Informatica Grafica-Computer Graphics elements*” at the 3rd year of the degree course of Computer Science at the Facoltà di Scienze Matematiche Fisiche Naturali, dell’Università degli Studi di Milano Bicocca.
- From 2004 to 2007 he has been a substitute professor for three years of “*Informatica Grafica-Computer Graphics*” at the degree course of Comunicazione Digitale, Facoltà di Scienze Matematiche Fisiche dell’Università degli Studi di Milano.

3.3.4 Teaching in specialization university master programs

- Since 2006 he has been professor of “*Cultura della luce e pratica illuminotecnica-Culture of light and practice of Lighting Design*” in the post-graduate Master course in Lighting Design of the Scuola del Design at the Politecnico di Milano.

- In 2005-06 he taught “*Modellazione, Rappresentazione e Visualizzazione-Modeling, Representation and Rendering*” in the Master in Progetto e Tecnologie della Luce, 2nd edition at the Facoltà del Design, Politecnico di Milano.
- In 2004-05 he taught “*Sistemi Informativi e requisiti di qualità innovativi-Information Systems and innovative requirements of qualities*” in the FSE Master in Design e Tecnologie della Luce 1st edition at the Politecnico di Milano, Facoltà del Design.
- In 2000 he taught “*Models of lighting system and CAD*” in the master: Progettazione e produzione Multimediale of the Università degli Studi di Milano.
- In 1999 he taught “*Computer science for lighting*” at the Master in Lighting Design of the Accademia di Brera-Milano.

3.4 Other teaching activities

- From 1989 to 2001 he was tenured professor, recognized by the Ministry of Education, before at the ITIS Lagrange and then at the ITIS Ettore Conti of Milano, where he taught until 2001. During the school activity he has been for three years (1998-2000) in charge of the planning, creation and management of a laboratory for the multimedia communication and Internet as part of the Ministerial program of development of the new didactic technologies. For two years (1999-2000) he has been member of the Executive Committee Board of a public high school as teacher representative. In 1999 he was seconded from teaching and became responsible for the didactic continuity, the instructional guideline and the new multimedia didactic technologies.
- In 2001 he taught “*Computer Grafica*” at the IFTS course “*Tecnico dell’illuminazione*” organized by the Politecnico di Milano.
- In 1999-00 he taught “*Lighting Design*” at the Interior Design Institute of Milano.
- In 1998-99 he participated as a teacher to a post-diploma FSE course planned by the Fondazione Luigi Clerici c.f.p. Belloni on topics relating to basic computer science and multimedia communication in Internet.
- In 1996 and 1999 he held two refresher courses for high-school teacher hosted by ITIS E. Conti on the topic: “*Comunicazione Multimediale in Internet*”.
- In 1996 he held a refresher course “*Informatica 1° Livello*”, hosted by Provveditorato di Milano, for the administrative staff.
- In 1995-96 he participated as lecturer at a post-degree course in “*Telematica*” organized by the municipality of Milano.
- In 1995-96 he participated as lecturer at a refresher course for high-school teachers of the ITSOS Milano hosted by the institute on the following topic: “*Comunicazione Grafica Multimediale*”.
- In 1995 he participated as lecturer at a refresher course for high-school teachers organized by the ITIS E. Conti on the topic: “*Reti Locali Informatiche*”.
- In 1994 he participated as lecturer at a refresher course for high school teachers organized by the ITIS E. Conti on the topic: “*Programmazione in Linguaggio C*”.

4. EDUCATION

4.1 Education pre and post-bachelor

- In 2004 he received a PhD in Computer Science at the Università degli Studi di Milano, with excellent judgment, with the thesis “Models and methods for the computation of the light: from lighting design to images synthesis”.
- In 1984 he went to the course of Bachelor in Sciences at the Università degli Studi di Milano where he graduated in Information Science in 1989 (mark 108/110), with the thesis “Accelerazione degli algoritmi sequenziali di ray-tracing” in the field of image synthesis.
- In 1981 he received High-school diploma in Industrial Electronics (mark 57/60) at the Istituto Tecnico Industriale Statale G. Lagrange - Milano .

4.2 Refresher courses attended

- In 2015 he attended “Corso base sulla sicurezza – Formazione Generale” organized by the Politecnico di Milano.
- In 2014 he attended a “Corso RADL – preposti sulla sicurezza” hosted by the Politecnico di Milano.
- In 2000 he attended a refresher security course DLGS 626/94 of 20 hours organized by the Ministero della Pubblica Istruzione.
- In 1999 he attended a refresher course “NIR-IT: Internet il media del 2000” of 18 hours organized from the CNR.
- In 1999 he attended an 8 hours refresher course about the Java language hosted by Provveditorato di Milano and the Java Italian Association.
- In 1997 attended a refresher course on the “Uso didattico delle reti informatiche accessibili attraverso Internet e sulle modalità di ricerca e navigazione dei siti Web” of 14 hours organized by the Provveditorato di Milano.
- In 1997 he attended a refresher course “Programmazione in Internet” of 25 hours recognized by the Provveditorato di Milano hosted by ITIS E. Conti.
- In 1995 he attended a refresher course “Reti Locali Telematiche” of 60 hours recognized by the Provveditorato di Milano and hosted by ITIS E. Conti.
- In 1990 he attended a pedagogical refresher course of 21 hours organized from the IRRSAE for the training of the new tenured professors.
- In 1990-91 he participated to refresher and study activities about the “Elaborazione delle Immagini” at the university consortium Milano Ricerche.

5. PUBLICATIONS

Books Author:

1. Rossi, M. *Culture and Methods of Lighting Design*. In Research Culture And Science Books series (Vol. 3). Research Culture And Science Books. (2021). DOI: 10.23738/RCASB.003 (EN)
2. Rossi M., *Circadian Lighting Design in the LED Era*, Ed. Springer, February 2019, ISBN 978-3-030-11086-4, eISBN 978-3-030-11087-1, DOI 10.1007/978-3-030-11087-1 (EN)
3. Rossi M., *Il Design dell'illuminazione: dalla cultura del progetto, al colore, al CAD*, Ed. Gruppo del Colore- Associazione Italiana Colore, Milano, Febbraio 2018, ISBN 978-88-99513-07-8 (IT)
4. Rossi M., *Design della Luce. Fondamenti ed esperienze nel progetto della luce per gli esseri umani*, Ed. Maggioli, Bologna, giugno 2008, ISBN 978-88-387-4698-2 (IT)
5. Rossi M., *Realtà Virtuale per il Design – Il progetto della luce nel laboratorio digitale*, Ed. Polidesign, Milano, luglio 2001, ISBN 88-87981-11-6 (IT)
6. Rossi M., Moretti A., *Sintesi delle immagini per il fotorealismo*, Ed. Franco Angeli, Milano, giugno 1998, ISBN 88-464-0833-0 (IT)

Books Editor:

1. Rossi, M., Spallazzo, D., *Digitally enhanced design. Breakthrough tools, processes, and expressive potentials*, Ed. Franco Angeli, Design International Series, Vol. 10319.9, pp 145, September 2021, ISBN 9788835116936, E-ISBN 9788835125716
2. Rossi M., Casciani, D editor, *Colour and Colorimetry Multidisciplinary Contributions Vol. XIb*, Ed. Gruppo del Colore – Associazione Italiana Colore, Milano, pp 390, October 2015, ISBN 978-88-99513-01-6, (EN)
3. Rossi M., Marchiafava V., editors, *Colore e colorimetria contributi multidisciplinari Vol XIa*, Ed. Gruppo del Colore – Associazione Italiana Colore, Milano, pp 620, October 2015, ISBN 978-88-99513-00-9 (IT)
4. Rossi M. editor, *Colour and Colorimetry Multidisciplinary Contributions Vol. Xb*, Ed. Maggioli, Bologna, pp 497 July 2014, ISBN 978-88-916-0438-5, (EN)
5. Rossi M., Marchiafava V., editors, *Colore e colorimetria contributi multidisciplinari Vol Xa*, Ed. Maggioli, Bologna, pp 864, July 2014, ISBN 978-88-916-0437-8 (IT)
6. Rossi M. editor, *Colour and Colorimetry Multidisciplinary Contributions Vol. IXb*, Ed. Maggioli, Bologna, pp 564 July 2013, ISBN 978-88-387-6242-0, (EN)
7. Rossi M., Siniscalco A. editors, *Colore e colorimetria contributi multidisciplinari Vol IXa*, Ed. Maggioli, Bologna, pp 871, July 2013, ISBN 978-88-387-6241-3 (IT)
8. Rossi M. editor, *Color and Colorimetry Multidisciplinary Contributions Vol. VIIIb*, Ed. Maggioli, Bologna July 2012, ISBN 88-387-6137-x, EAN 978-88-387-6137-9 (EN)
9. Rossi M., Siniscalco A. editors, *Colore e colorimetria contributi multidisciplinari Vol VIIIa*, Ed. Maggioli, Bologna July 2012, ISBN 88-387-6136-1, EAN 978-88-387-6136-2 (IT)
10. Rossi M. editor, *Color and Colorimetry Multidisciplinary Contributions Vol. VIIb*, Ed. Maggioli, Bologna July 2011, ISBN 88-387-6043-8 (EN)
11. Rossi M. editor, *Colore e colorimetria contributi multidisciplinari Vol VIIa*, Ed. Maggioli, Bologna July 2011, ISBN 88-387-6042-X (IT)
12. Rossi M. editor, *Color and Colorimetry Multidisciplinary Contributions Vol. VI - Colore e colorimetria contributi multidisciplinari Vol VI*, Ed. Maggioli, Bologna July 2010, ISBN 88-387-4469-6 (EN/IT)
13. Rossi M. editor, *Designing Designers: Where Does Light Move To? Lighting Design Innovation Scenarios. International Conference of university courses in Design*, April 2009, ISBN 978-88-387-4358-4 (EN)
14. Rossi M. Scullica F. editors, *Designing Designers: Light as an architectural matter - Lighting Design. International Conference of university courses in Design*, March 2008, ISBN 978-88-87981-98-8 (EN)
15. Rossi M., Seassaro A. (a cura di e di), *La luce come strumento di progetto*, Ed. Aracne Roma, gennaio 2006, ISBN 88-548-0306-5 (IT)
16. Rossi M., Salonia P. editors, *Multimedia.Information@Design for Cultural Heritage*, Ed. Aracne Roma, March 2005, ISBN 88-548-0029-5 (EN)
17. Rossi M., Salonia P. (a cura di e di), *Comunicazione multimediale per i beni culturali*, Ed. Addison Wesley, settembre 2003, ISBN 88-7192-176-3 (IT)

Papers on indexed, peer reviewed, international Journals:

1. Siniscalco, A. et al. (2023) *A technique to ensure correct color stimulation by functional MRI to study in vivo the human melanopsin ganglion cells system*, *Cultura e Scienza del Colore - Color Culture and Science*, 15(02), pp. 47–56.: <https://doi.org/10.23738/CCSJ.150206>.

2. Rossi, M. *A design-oriented approach for managing colored light sources in lighting design software*. Color Research and Application, 48(1), pp 32-39, doi: DOI:10.1002/col.22823 (January, 2023)
3. Bortolotti, A., Cannito, L., Anzani, S. ., Rossi, M. and Palumbo, R. . (2022) *About the influence of color perceived lightness on psychological functions*, Color Culture and Science, 14(01), pp. 112–122. doi: 10.23738/CCSJ.140114.
4. Guarini, G., & Rossi, M. *An applied workflow to achieve reliable colors in BIM software renderings*. SCIRES-IT - SCientific RESearch and Information Technology, 11(2), 9–16. (December, 2021). DOI: 10.2423/i22394303v11n2p9
5. Rossi M, *Colour design and non-image-forming effects in humans: An open issue*, Coloration Technology, 137(1), 16-21, January 2021, DOI: 10.1111/cote.12501
6. Siniscalco A., Rossi M., Apollonio F.I., *Lighting Design For Monumental Complex: A Case Study*, SCIRES-IT - SCientific RESearch and Information Technology, vol 9, n 2, pp 115-127, January 2020, ISSN 2239-4303, DOI: 10.2423/i22394303v9n2p115
7. Rossi M, Rizzi A, Bonanomi C. and Siniscalco A., *Colour: an experiential path between theory and practice*, Journal of the International Colour Association, vol 22, pp 34-40, December 2018, ISSN 2227-1309
8. Giacomo Cocetta, Daria Casciani, Roberta Bulgari, Fulvio Musante, Anna Kolton, Maurizio Rossi and Antonio Ferrante, *Light use efficiency for vegetables production in protected and indoor environments*, European Physical Journal PLUS, Vol. 132: article 43, pp 1-15, January 2017, ISSN 2190-5444 DOI: 10.1140/epjp/i2017-11298-x
9. Casciani D., Rossi M., *Exploring the relationship between LEDs Lighting, Urban materials chromaticity and People: measurements, design and evaluation*, Color Culture and Science, n 08, pp 65-74, December 2017, ISSN 2384-9568, DOI: 10.23738/ccsj.i82017.07
10. Maurizio Rossi, Alessandro Rizzi, Cristian Bonanomi and Andrea Siniscalco, *The colour consultant training for the future: a holistic view of design and technologies*, Journal of the International Colour Association, vol 16, pp 82-89, August 2016, ISSN 2227-1309
11. Casciani D., Musante F., Rossi M., *Domestic Horticultural – Centric Lighting Design*, Color Culture and Science, n 05, pp 31-40, February 2016, ISSN 2384-9568, DOI: 10.23738/ccsj.i52016.04
12. Musante F., Rossi M, *An overview for color rendering indices in Solid State Lighting*, Color Culture and Science, n 02, pp 44-49, December 2014, ISSN 2384-9568,
13. Casciani D., Rossi M., *An applied research to assess the experience of the colour of urban lighting: a pilot study in Milano downtown*, Journal of the International Colour Association, vol 13, pp 14-26, December 2014, ISSN 2227-1309
14. Casciani D., Rossi M., *Coloured Lighting, Urban Underground and Human Beings: relationship inquiry through showcase analysis*, Color Culture and Science, n 01, pp 40-44, July 2014, ISSN 2384-9568
15. Musante F. and Rossi M., *Colorimetry evaluation supporting the design of LED projectors for paintings lighting: a case study*, Journal of the International Colour Association, vol 8, pp 44-54, 2012, ISSN 2227-1309
16. Rossi M., Marini D., Rizzi A., *Methods and application for photorealistic rendering and lighting of ancient buildings*, Journal of Cultural Heritage, Elsevier, vol. 5 n. 3, pp 291-300, September 2004, ISSN 1296-2074, DOI: 10.1016/j.culher.2003.12.004
17. Marini D., Rizzi A., Rossi M., *Post-Filtering for Color Appearance in Synthetic Images Visualization*, Journal of Electronic Imaging, Ed. SPIE, Bellingham WA, USA, Vol. 13, No. 1, pp. 111-119, January 2004, ISSN 1017-9909, DOI: 10.1117/1.1635367
18. Marini D., Rizzi A., Rossi M., *Color Constancy Measurement for Synthetic Image Generation*, Journal of Electronic Imaging, Ed. SPIE, Bellingham WA, USA, N. 4, Vol. 8, pp 394-403 October 1999, ISSN 1017-9909, DOI: 10.1117/1.482707
19. Marini D., Rossi M., Moltedo L., Salvetti O. *Virtual Reality And Web Tools To Convey The Visual Information Of Ancient Monuments*, Computer Networks and ISDN Systems, n 29, pp 1655-1660, Elsevier, Amsterdam, November 1997, ISSN 0169-7552, DOI: 10.1016/S0169-7552(97)00080-9
20. Marini D., Canesi A., Gatti C., Rossi M. *Parallellising Accelerated Ray Tracing for High Quality Image Synthesis*, inside A. De Gloria Transputer Applications and Systems '94, pp 40-53 IOS Press, Amsterdam 1994, ISSN 0925-4986

Papers on Anvur class A Journals:

1. Rossi M., *People Flows: Lighting*, Area, n 170, pp 144-149, June 2020, ISSN 0394-0055 (EN/IT)
2. Rossi M., Siniscalco A., *Indoor Comfort: Lighting Design*, Area, n 167, pp 8-13, January 2020, ISSN 0394-0055 (EN/IT)
3. Siniscalco A., Rossi M., *Lighting Design for hospitality - Lighting Design per l'accoglienza*, Area, n 165, pp 162-167, July 2019, ISSN 0394-0055 (EN/IT)

4. Rossi M., *Technologies for human centric lighting design in offices - Tecnologie per human centric lighting design negli uffici*, Area, n 163, pp 8-11, March 2019, ISSN 0394-0055 (EN/IT)
5. Moretti A., Rossi M., *Virtual prototyping for lighting design – Prototipazione virtuale per il progetto illuminotecnico*, MODO, n 195, pp 51-54, febbraio 1999, ISSN 1128-6636 (EN/IT)

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