

Valentina Rognoli*

Assistant Professor | Design Department
Politecnico di Milano, School of Design, via Durando 10, 20158 Milano

valentina.rognoli@polimi.it

www.materialsexperiencelab.com

www.diymaterials.it

www.materialdesigners.eu



+393944050582



@VRognoli



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PERSONAL DETAILS

Lungomare G. Mameli 166/A, Senigallia (AN), Italy

Via R. Massara dei Capitani 3, Milano (MI), Italy

Italian

23.01.1975

CAREER SUMMARY

Materials are essential words in the designers' vocabulary. They use them to express and concretise the design ideas. Through materials and processes, the designers convey and influence concepts, beliefs and approaches; shape the real world and human experiences. Materials and technologies have always been considered a crucial element in which to estimate and study evolutionary human development, long before the birth of design culture. Precisely for this reason, this theme has always fascinated me since I was a student, and it has influenced my approach to materials, starting from historical and anthropological considerations.

In the last 20 years, I have developed my approach to materials which then translates into an own approach to design. The materials must be considered simultaneously both as technical and technological components and as elements capable of arousing sensations, emotions, meanings and experiences. I built my approach by structuring the concept of expressive-sensorial characterisation of materials strongly influenced by sensorial anthropology and then arriving at the idea of Materials Experience. My work today is focused on research and teaching materials design trying to develop theories and tools for the design of significant material experiences, taking into account the design of the product-service system in the disciplinary relationship with anthropology and social sciences, to bring out methods and tools useful for innovating and integrating the designers' skills. To do this, I keep in mind the increasingly multidisciplinary aspect of design materials and emerging phenomena such as culture maker and DIY, circular economy and the advancement of digital technologies in the relationship with products, services and spaces, and the implications for users.

Over the last couple of years, I have been leading and participating in many research projects each illustrating this multidisciplinary nature of my approach, where research findings are applied in further developments of materials and/or products. The projects also show my network activities, including collaborations between faculties, countries and industries, as well as my endeavour to link my research to design education.

* Reso sotto forma di autocertificazione ai sensi del DPR n. 445/2000, lo sottoscritta Valentina Rognoli, C.F. RGNVNT75A63G388O, cittadina Italiana, ai sensi e per gli effetti delle disposizioni contenute negli articoli 46 e 47 del Presidente della Repubblica 28 dicembre 2000, n. 445 e consapevole delle conseguenze derivanti da dichiarazioni mendaci ai sensi dell'articolo 76 del predetto D.P.R. n. 445/2000, sotto la propria responsabilità dichiara che le informazioni contenute nel presente Elenco Titoli (7 pg. – 96 voci) corrispondono a verità.

SHORT PROFILE

My current position is Assistant Professor in the Design Department at the School of Design, Politecnico di Milano. Here, I studied, and I began my academic carrier focused on Materials for Design. I have been a pioneer in this field, starting almost twenty years ago and establishing an internationally recognized expertise on the topic both in research and education. Indeed, beginning with my Master degree in 2000, I have always been interested in the expressive-sensorial dimension of materials for Design and their experiential aspects.

At the end of the nineties, I designed and started the first Italian material library to support design students and research in the field of Design for materials. The materials library Materiali & Design, is still working in the Politecnico di Milano and it is now included in its university library system. For my doctorate, I undertook a unique and innovative study on a key but a little treated topic that is the expressive-sensorial dimension of materials of Design and their experiential aspects. This research has greatly influenced my teaching methodologies on materials at the School of Design. In fact, for the first time, an experimental method emphasising the qualities of the material and the possibilities for the designer to design them has been recovered and proposed to the design students. This approach was then consolidated and also diffused in other Italian universities, and not only.

In 2016 I co-founded and co-directs with Elvin Karana the Materials Experience Lab, a close collaboration between the Technical University of Delft in The Netherlands and the Politecnico di Milano. The Materials Experience Lab is now acknowledged as a world-leading research group working at the intersection of product design, materials science, social sciences, and engineering with a transdisciplinary approach to materials for Design.

At present, my research and teaching activities are focusing on pioneering and challenging topics as DIY-Materials for social innovation and sustainability; Bio-based and circular Materials; Urban Materials and Materials from Waste and food Waste; Materials for interactions and IoT (ICS Materials); Speculative Materials; Tinkering with materials, Materials Driven Design (MDD) method, CMF (colour, material and finishing) design, emerging materials experiences, and material education in the field of Design.

In the Design Department, I work as the operational Manager inside the Lens Lab Polimi, Learning Network on Sustainability, and I'm one of the coordinators of Madec, Materials Design Culture centre. I also participate and collaborate actively with Polifactory, the interdepartmental research laboratory promoting a new culture of making.

At the institutional level, I was involved for the last two year in the Technical and Scientific Committee of the Product Design course as supervisor of the internationalization process, and part of the Board of Professors of the PhD Programme in Design.

My educational background is in Product Design (MSc, full marks) and Design more broadly (PhD). Since 2000, I am involved in teaching (lecturers and design studios) for students (under- and postgraduate) and training for companies.

I am one of the editors of *Materials Experience: Fundamentals of Materials and Design* (2014) and the second edition *Materials Experience: Expanding Territories of Materials and Design* (2020).

Moreover, I'm the author of over 50 publications. I organised international workshops and events, invited speaker and reviewer for relevant journals and international conferences. Many international scholars recognised in the scientific community follow, inspire and appreciate my research and educational approach.

WORK EXPERIENCES

- 2015 – today, *Assistant professor* at the Design Department, School of Design - Politecnico di Milano

The past four years, among other things, I have focused on consolidating my research topic on materials for Design through European projects. As a principal investigator, I'm coordinating MaDe, Creative Industries Program and I participate as an investigator in other two European projects: DateMats, Knowledge & Technology Transfer of Emerging Materials & Technologies through a Design-Driven Approach. Other two project I want to mention are: "Experiments around Smart Objects" in collaboration with the Digital Materiality Lab at the Art and Design Research Centre of the Sheffield Hallam university (Stefano Parisi, PhD student and Prof. Daniela Petrelli); "Expressive sensorial

characterization of DIY-Materials" in collaboration with Bio Bio University, Concepcion, Chile.

I have been exploring new topics of study by applying to internal funds of Politecnico such as the ICS (Interactive, connected and smart materials) Funded by FARB on the year 2016, and DIY-Materials for Social innovation for Tambali Fii, funded by Polisocial on the year 2015. Another important result of my international relationship is the creation of a cross-country research group.

I am supervising three PhD candidates with topics related to the opportunities arising from the use of digital technologies in the relationships with materials and then the objects, with particular focus on human interactions, "Design for Hybrid Material Systems: Material Augmentation's guidelines for Meaningful Experiences" (Stefano Parisi from Italy); Updating and renewing materials education in the field of design considering experimentation and speculation (Ziyu Zhou from China); Circular materials for design (Barbara Pollini from Italy) and I co-supervise with Prof. Chiara Colombi the PhD research of Erminia d'Itria from Italy, titled "Driving a sustainable switch in fashion through design. Experimenting with the role of design in the development of an alternative, and sustainable, apparel supply chain model within the fashion sector".

Furthermore, I have to mention the dr. Camilo Ayala who defended his PhD thesis on February 2019. The thesis is titled: "THE MATERIALS GENERATION - The Emerging Experience of DIY Materials" (<http://www.diymaterials.it/>)

I have also brought international faculties as visiting professors at Politecnico di Milano for sharing their knowledge and connecting topics of our common interest. Elvin Karana from TU Delft, The Netherlands (2012/2013), Marieke Sonneveld from TU Delft, The Netherlands (2014/2015-2017/2018); Richard Lombard from Virginia Commonwealth University, USA (2018/2019); Lucio Magri from ESAD, Portugal (2018/2019); Markus Holzbach from Offenbach University, Germany (2019/2020).

- 2006 – 2015, Assistant professor at the Department of Chemistry, Materials and Chemical Engineering "G. Natta" - Politecnico di Milano
I worked on the consolidation of topics regarding the expressive-sensorial dimension of materials and the transition to the concept of materials experience. I carried out the project of my master's thesis on the development of a material library for design students. I also focused on the creation of an international network with scholars with different backgrounds but related to Materials. I have participated in the development of the +Lab, the 3D Printing Lab of Politecnico di Milano which is currently located in the Chemistry, Material, and Chemical Engineering Department "G. Natta". I strengthened my educational experiences, developing courses related to my PhD research around the expressive-sensorial dimension of materials.
- 2004 – 2006, Post-doctoral fellow on Anodic colouring of Titanium - Symposia and Exhibition at the Department of Chemistry, Materials and Chemical Engineering "G. Natta" - Politecnico di Milano
During the post-doc, I researched the possibilities of applying the patent obtained by Pietro Pedferri on the anodic colouration of titanium, with a particular focus on employment in the field of design. I dedicated myself to organising seminars and exhibitions to disseminate the results of the research and, at the same time, I coordinated and implemented the materials library "Materioteca Materiali e Design" of Politecnico di Milano.
- 2000 – 2004, PhD Scholar at the Design Department, School of Design - Politecnico di Milano
I developed the research on the expressive-sensorial dimension of materials and started participation in conferences and educational experiences to enrich my study and career. In this period, I focused on the design and coordination of the Materials and Design library.
- 1998 – 2000, assistant in the Enzo Mari Design Studio, Milano, Italy

I worked for three years in Enzo Mari's design studio, who is one of the most important and famous Italian designers. During this experience, I accomplished different tasks. I classified projects and photos for his big archives, and I designed a set of 6 glasses for Arnolfo di Cambio company and a fruit basket for Zani & Zani company. I also supervised the Enzo Mari's personal exhibition, held in 1999 at the Triennale di Milano, Italy. Furthermore, I help in the realization of Enzo Mari's book "Progetto e Passione" (Design and Passion).

It was a significant experience for my career as when I was working with Enzo Mari; I learnt that research and design practice are indissoluble.

EDUCATION

- 2000 – 2004, Industrial Design and Visual Communication PhD, Politecnico di Milano - Italy
 Phd Thesis title: *An atlas to explore the expressive-sensorial dimension of materials for design* *
 (Supervisors: Prof. Marinella Levi and Prof. Alberto Cigada)
My PhD research deals with materials and its expressive and sensorial characterisation. To generate comprehensive knowledge and understanding in the area of materials in Design, I planned to divide the research into two sections. The first part of the study focused on the design history and the role of Materials in the development of designed patterns. This theoretical part aims to underline how Materials have always had a pivotal role in the users' experience and how this experience is led by human perception. In the second part, more practical and design based, I designed a tool, the Atlas, in which the engineer and Design culture blend together. The expressive-sensorial Atlas of materials constitutes a point of convergence between the disciplines of Design and engineering and for this reason, we can say that it has a multidisciplinary approach. The establishment of a correlation between the phenomenological aspects of materials and their properties has opened new opportunities in the field of Design and driven new methods to design education. The Atlas is structured by the relationship between phenomenological aspects and physical/technical properties of materials. The expressive-sensorial Atlas is a valuable tool to students and professionals in the field of Design to interpret the complexity of phenomenological, perceptive and sensorial qualities of materials for Design. The aim is to create a tool through which designers can explore and train themselves in the field of perception and expression of materials.
- 1993 – 2000, Master of Science in Industrial Design (with specialization in Design strategies), Politecnico di Milano - Italy. Master thesis title: *Materials & Design, a materials library for the School of Design* (Supervisors: Arch. Claudia Raimondi and Prof. Alberto Cigada)
The master thesis I developed aimed to fill the gap in education in the field of Materials and Design. It is an unquestioned designer's need to feel and touch the materials to be inspired during the creative process. This is the reason why a new materials library was created inside the School of Design in Milan. The "Materiali e Design" materials library still works helping design students to select materials and right processes, taking into account also the expressive-sensorial qualities of the material.
- 1997, Erasmus Experience - 6 months at IED - Toulon, France
During my Erasmus experience, I was lucky enough to be able to work in a well-equipped environment with models and photography labs and Studios. I took advantage, and I enjoyed the different approaches and ideas relating to the concept of Design.

SKILLS

Languages:	Professional:	Technical:
Italian - mother tongue	Academic Writing	Adobe Photoshop
English - intermediate	Public speech	Adobe Illustrator
Spanish - advanced	Project Management	Microsoft Office
French - elementary	Research Coordination	PC and Mac Systems

OTHER SKILLS (SPORT)

Basketball player

I played basketball for 20 years, performing national championships and coming to play in the top league with the team of my hometown, Pavia.

ADMINISTRATIVE ASSIGNMENTS

- Participation of the **Technical Committee** for Product Design degree (Bachelor + Master), 2015 – today
- Participation of the **Board of Professors** of the PhD Programme in Design, (2017 – today)
<http://phd.design.polimi.it/overview/phd-faculty/>
- Promoter for outgoing and incoming students concerning the Erasmus activities (2012 – today)

RESEARCH GRANTS

- **MaDe - Materials Designers. Boosting Talent towards Circular Economies - Call for Proposals EACEA 32/2017 and EACEA 35/2017 (100000 euro)**
role: *principal investigator*
Materials Designers (MaDe) is a Creative Europe program that addresses the training and exposure of the new materials designers towards a better circular economy and their positive impact on the industry or the generation of the alternative creative industry. The project aims to explore and obtain a better understanding on how materials' design can contribute to attaining a more circular economy providing thus tools, strategies, guides, contents, education, in order to enable designers (i.e. fashion, furniture, objects, packaging) and new creatives (i.e. materials designers) to connect to industry. MaDe's strategy promotes the transnational mobility of designers and creatives intending to cooperate internationally and to internationalise their careers.
<http://www.materialdesigners.eu/about/>
- **Fish Skin - Research and Innovation Staff Exchange (RISE) - Call: H2020-MSCA-RISE-2018**
role: *principal investigator*
The fashion industry is currently going through a significant change in its approach towards sustainability, aiming to transform from a wasteful and polluting sector into a cleaner and more circular sector. The FishSkin, our research concentrates on developing a new category of raw materials for fashion – fish leather. While fish leather was used for centuries by indigenous people in Northern Europe and Asia, it was pushed aside by hides which offered better characteristics. Today, however, circular economy principles combined with state-of-the-art technology and changing consumer tastes, allow us to challenge existing fashion assumptions and explore the viability of fish leather in this industry. The project generates knowledge cohesion from different disciplines: Fashion design, Material science and Marine biology, where academic and industrial experts will strive to develop new techniques and methodologies for market take-up of fish leather at an industrial scale.
<http://www.fishskinlab.com/62/projects/fishskin-horizon-2020>

The project has now been abandoned due to administrative problems and incompatibility with the coordinating partner.
- **DateMats - Knowledge & Technology Transfer of Emerging Materials & Technologies through a Design-Driven Approach**
role: *researcher*
Datemats project aims to transfer and implement a unique design-led teaching method for students with a mixed background (design and engineering) in the field of Emerging Materials and Technologies (EMTs), and to boost knowledge and technology transfers from academia and research centres to industry.

The diversity and the speed of change in the landscape of EMTs provide a great opportunity for an open innovation approach in which knowledge-intensive SME's and universities play a critical role in realizing the potential economic benefits. Datemats aims to generate innovation in higher education models and knowledge transfer methods. The initiative is going to transfer and implement a unique design-led teaching method in the field of EMTs for students with a mixed background (design & engineering), also boosting their entrepreneurial skills and addressing the needs of businesses related to EMTs; and foster knowledge and technology transfer from academia and research centres to industry in a designerly way developing new guidelines and approaches.

<https://www.datemats.eu/about/>

- **PARIDE. Prototipi Avanzati per la Ricerca di DDesign. Advanced prototyping for Design Research – Farb 2018, - Design Department Internal funding - 2018/2019**

role: *project partner*

The PARIDE project investigates the evolution of the role of the prototype in design research, in the light of recent technological advances¹ that allow the development of interactive prototypes that mix physical and digital components. These prototypes (even partial) - resulting in a similar artefact in terms of aesthetics and functionality - allow the user to test the experiences, providing useful information to design future scenarios. In PARIDE we define these prototypes as advanced. Specifically, PARIDE intends to investigate the following research questions:

- 1. what is the knowledge contribution generated by the use of advanced prototypes;*
- 2. how it is possible to transfer this knowledge to the outside world (third mission).*

- **Nuvole - New processes Faces for the construction of Light and Ergonomic Objects in composite and titanium - Bando Smart Fashion and Design - Regione Lombardia - 2017**

role: *project partner*

The NUVOLE project - New processes face to the construction of lightweight and ergonomic objects in composite and titanium - intends to develop the design methodologies and develop techniques for the realisation of design products characterised by elegance, lightness, customisation, modularity and ergonomics. The design is completed through the use of modern composite materials combined with the use of functional parts in titanium, chosen as light metal and of high value both regarding performance and aesthetics.

- **ICS Materials. Interactive, Connected and Smart materials - Farb 2015, Design Department Internal funding - 2016/2017 (30000 euro)**

role: *principal investigator| project leader*

ICS Materials is a significant research project at Politecnico di Milano, Design Department, aiming to explore the intersection area between Design, New Materials and Human-Computer Interaction. In the last years, new classes of advanced materials are emerging, influenced by computing, Internet of Things (IoT), and hybridization of design with science, due to increased technological development, miniaturization, and democratization. They are changing the available domain of design materials and the materiality of the world where we live. These are ICS Materials, an acronym that stands for Interactive, Connected, and Smart Materials. While research centres and companies around the world are experimenting with these new materials, there is the need to reflect on their definition and classification, identify constraints, potentials, and impact on design and industry, develop a methodology to design with and for them, and envision future scenarios. The project ICS Materials is a step in this direction.

<http://www.icsmaterials.polimi.it/>

- **Tambali Fii - Polisocial 2016, Politecnico di Milano Internal funding - 2017/2018**

role: *project partner*

The project focuses on the creation of an innovative, technological and social pole for the growth of the Senegalese boating and fishing industry as an inversion strategy of the

migratory phenomenon from the African continent. The goal is the design of a multifunctional space configured as an attractive centre for industry associations, training and research centres and companies of the territory for the start of cross-cutting and shared activities in support of fisheries and aquaculture, involving interest and support from government entities.

- **Digital DIY** - funded by the European Union's Horizon 2020 research and innovation program under grant agreement No 644344
role: *collaborator for the first year - 2015/2016*
The DiDIY Project intended to develop a human-centric and multi-perspective approach to the scientific study of the transformations generated by the increasing social adoption of atoms-bits convergence (ABC) devices in order to establish a conceptual framework that will enable the analysis, exploration and understanding of the impact of DIY in a human-centric digital age, and produce well-founded transferable information, models and guidelines to support both education and policymaking on DiDIY as it is forming, intended as an ongoing phenomenon that, while surely enabled by technology, should be driven and shaped by social and cultural strategies, not technology.
<http://www.didiy.eu>

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- **Materials Experience Lab**
Materials Experience Lab is a cross country research group bringing together researchers/practitioners who introduce unique ways of understanding and designing (with) materials to radically change and enhance the relationship people have with materials and artefacts. The Lab is committed to opening up new territories for material and product design. The aim is the dissemination of research findings through exhibitions, scientific publications, public debates, etc., to consolidate and support the research community.
As a co-director, with Elvin Karana, I coordinate the main research activities of the Lab. The core team consists of researchers/practitioners who actively work on a specific project under the Lab.
<http://materialsexperiencelab.com/core-team/>
- **Lens-The Learning Network on Sustainability**
LeNSlab is a Research Lab coordinated by Prof. Carlo Vezzoli and active within the Design Department of Politecnico di Milano University for nearly 20 years. It works with public and private research and educational activities focused on Design and Innovation for Sustainability (DIS). Today LeNSlab is regarded, internationally, as one of the major research labs in design for sustainability. Attestation of this is the promotion and coordination of the Learning Network on Sustainability (LeNS www.lens-international.org), an international network of Higher Education Institutions aimed at the development and the diffusion of the design for sustainability discipline in worldwide curricula with a multipolar, open and copyleft ethos.
<http://www.lenslab.polimi.it/team/>
- **Madec-Material design culture research centre**
Madec is a research centre that deals with the design-material relationship in history and the actuality of design. Madec researches the Italian Culture of Materials Design, explained as the ability of Italian design to "interpret" materials and technologies to generate innovation in products and environments. The studies involve the peculiarity of the Italian Design approach from a historical point of view. The aim is the implementation of its knowledge and the promotion of the Italian Culture of Materials Design example. Concerning the dynamics that today, as the socio-economic and technological-productive context change, see the transformation of design practices and an emerging need for re-appropriation of technology.
<http://www.madec.polimi.it/category/people/>

ORGANIZATION OF WORKSHOP/CONFERENCE/EVENTS

- *Algae Workshop – Triennale di Milano, Broken Nature and Politecnico di Milano (May 2019)*
I have co-organized as Materials Experience Lab coordinator a 3-day workshop around the algae-based biopolymer that Atelier Luma has developed in collaboration with Studio Klarenbeek & Dros. Six confirmed students and young designers plus a material expert participated in the workshop held at the Design School in the Politecnico di Milano. The workshop proposed to challenge the material strengths and weaknesses, to design samples that bring a new expression, sensorial qualities and meaning to the material and offer new functionalities. In addition, the participants could imagine a recycling process for material waste. The participants applied the Material Driven Design method (MDD) developed by the Materials Experience Lab using the algae-based material developed by LUMA/Arles who provide all the necessary equipment and materials samples. The results of this workshop were exposed in the Broken Nature Exhibition and allowed to imagine with Atelier Luma the possibilities for a possible follow-up of the workshop, on a longer-term trajectory.
<https://atelier-luma.org/en/stories/algae-geographies-by-algae-platform-broken-nature-triennale-01-03-01-09>
- *Materials Designers. Boosting Talent towards Circular Economies Workshop – Politecnico di Milano (April 2019)*
The first workshop of MaDe - Creative Europe Programme (EACEA-32-2017) was held in Milano at Design Department, Politecnico di Milano from the 01st of April to the 5th of April 2019. The Made Workshop Milano, it was the first workshop of the project. The activity of the workshop was aimed at addressing Specialist Materials Designers skills gaps by training a selected group of 20 European designers and new creatives; and at generating a new breed of materials designers and 20 materials design projects to be displayed and promoted in the online platform and in the Handbook. The partner chosen for workshop 1 was Esad Matosinhos of Porto, Portugal and the specific focus was to work developing DIY waste materials with a focus on product or packaging applications. Prof. Lucio Magri is the expert coming from Esad Matosinhos.
<http://www.materialdesigners.eu/events>
- *DIY-Materials Workshop – Master: Design through New Materials, Elisava School of Design, Barcelona (March 2019).*
This one-week workshop focuses on the phenomenon of DIY-Materials, and the participants are asked to develop some real concepts, using a method of direct and creative experimentation with materials.
It concentrates both on choosing the appropriate and most promising sources for the tinkering process, and on the analysis of the expressive-sensorial qualities, such as touch, consistency, transparency, gloss, and colour, to develop and imagine significant materials experiences. Besides, following the tinkering process approach, the participants are encouraged to modify original material recipes by adding other ingredients and components that could arouse unique aesthetics and intelligent behaviour. The output will be formed by a collection of samples of materials that contain various material potentials and different expressive-sensorial qualities. The workshop aims to create the basis for a material education built on direct experimentation with materials, recognising the role of the expressive-sensorial dimension and reasoning around the concept of DIY-Materials as circular and speculative materials.
<https://www.elisava.net/en/masters-postgraduates/master-design-through-new-materials>
- *Material Driven Design Method applied to banana fibres - Masterclass for professionals, with Elvin Karana, National Taiwan Craft Research and Development Institute, Taiwan (October 2018)*
The masterclass introduced to 20 designers' various techniques and a method to discover the potential of a material beyond 'function'. The masterclass was host by the Taiwan Craft Center, including field trips in Hualien, Fongbin Town, and Taichung to experience the making of "banana fibers" in a local workshop and a craft center, for which designers

were challenged to find new expressions and application through the week. “We are truly fascinated by the results! 20 designers, 7 days of intensive work! They haven’t slept last night to prepare the exhibition. “How could we use banana trees as resource for new material concepts, beyond the traditionally known one, i.e. yarn?” This was their challenge through this masterclass. They used, from the stem to the leaves, every bit of a tree to create material concepts. While one designer used the inner texture of the stem as a mould to give texture to metal, another one used the same inner structure of the tree as a canvas to weave with bamboo fibers. One designer made a glue-like material to repair broken objects; another one created a hybrid material with both soft and hard qualities from the same tree. The participants also learnt how to articulate their vision and how to build their material narrative. For us the biggest happiness is that we could see them using a total new vocabulary to describe their process and the materials; and a new lens to ‘see’ and ‘listen’ the materials around us!

<https://event.culture.tw/NTCRI/portal/Registration/C0103MAction?useLanguage=tw&actId=80107>

<http://materialexperiencelab.com/news-events-12/2018/11/5/we-facilitated-a-masterclass-on-material-driven-design-in-taipei>

- *Mine the City*: 2-Day Material Design Event at the International Border Sessions Festival, Den Haag (June 2018)

In 2015, the average European used 16 tonnes of materials. Our demand for materials is intense. As an activist reaction to the accelerating degradation of the environment due to this high demand for material use, more and more designers act as ‘active maker’ of materials rather than ‘passive recipient’. Accordingly, anything tangible could be a resource for DIY-Material makers, including materials which mobilize sources we (the society) consider as waste, such as domestic and industrial waste, and discarded sources or by-products from food or raw material production which most of the time appear invisible to us.

We invite you to join us to explore ‘Dutch ways of living’ as a resource for DIY-Materials tinkering in the ‘Mine the City Lab’ 2-Day MATTERathon at Border Sessions - Tech Culture Festival, June 15th and 16th 2018.

<https://www.bordersessions.org/lab/mine-the-city-lab-2-day-matterathon/>

- *ICS Materials Seminars*: 10 lectures by digital materials and materials culture experts (a.a.2017/2018)

With a cycle of open seminars and lectures involving experts from education and industry, we aim to encourage the discussion and share experiences and insights on ICS Materials. Each seminar addresses a specific theme, focusing and framing state of the art through methodologies, case studies, and previous researches, providing theoretical notions, and arguing future scenarios for ICS materials.

*Autums 2017: **Gaia Crippa**, Senior CMF Designer and Materials Specialist at Chris Lefteri Design, London, UK; **Daniela Petrelli** | Professor of Interaction Design at the Art & Design Research Centre, Sheffield Hallam University, UK; **Barbara Pollini** | Sustainable designer and professor in Materials and new technologies for the project innovation at Naba design University, Milan, Italy; **Marta González Colominas** | PhD in Materials Science and Metallurgical Engineering. Coordinator of the Materials and Sustainability area for the Degree in Engineering of Industrial Design, ELISAVA, Barcelona, Spain; **Oscar Tomico** | PhD and Head of Studies of the Degree in Engineering in Industrial Design, ELISAVA, Barcelona, Spain; **Vasiliki Tsaknaki** | PhD candidate and teacher assistant at KTH Royal Institute of Technology, Stockholm, Sweden; **Manuela Celi** PhD, Assistant Professor at the Design Department, Politecnico di Milano, Italy; **Seetal Solanki**, Founder and Creative Director of Ma-tt-er, London, UK; Manuel Kretzer, Visiting Professor in Digital Crafting, Braunschweig University of Art, Germany. Founder of Materiability. Partner at Responsive Design Studio; **Maurizio Montalti**, Founder of Officina Corpuscoli. Co-founder of MOGU S.r.l. Head of the MAD Master at Sandberg Instituut, The Netherlands.*

SPEAKER at:

- **DPP No Boundaries Design**, Twelfth International Conference on Design Principles & Practices, *2018 Special Focus: No Boundaries Design*, 5–7 March 2018 - ELISAVA Barcelona School of Design and Engineering, Barcelona, Spain
title of the presentation: *Speculative Materials*
<http://designprinciplesandpractices.com/about/history/2018-conference>
- **Forma**, IX Congreso internacional de diseño de La Habana, ISDI Instituto Superior de Diseño, La Habana, Cuba - June 2017
title of the presentation: *DIY-Materials as Enabling Agents of Innovative Social Practices and Future Social Business*
- **Material Education Symposium**, 9th International Materials Education Symposium, Cambridge University, UK - April 2017
title of the presentation: *DIY Materials in design education*
<http://www.materialseducation.com/2017/cambridge/index.htm>
- **DeSForM 2015**, 9th International Conference on Design and Semantics of Form and Movement - Aesthetic of Interaction. Dynamic, Multisensory, Wise, Politecnico di Milano (Italy), 13-17 October 2015
title of the presentation: *Dynamic and imperfect as emerging material experiences. A case studies.*
<http://www.desform2015.polimi.it/>
- **Making Futures**, 4th edition of the biennial international research conference, Plymouth College of Art, Plymouth, UK - September 2015
title of the presentation: *Cook.to.Design: Auto-production of wool filled starch-based composite. Case study: NeWool*
<http://makingfutures.plymouthart.ac.uk/2015/>
- **PLATE**, International Conference on Product Lifetimes and the Environment, Nottingham Trent University, UK - June 2015
title of the presentation: "Worker, build your own machinery!" A workshop to practice the Technological Disobedience
<http://www.plateconference.org/conference-2015/>
- **DPPI'11**, the 5th Conference on Designing Pleasurable Products and Interfaces, School of Design, Politecnico di Milano - June 2011
title of the presentation: *The aesthetic of interaction with materials for design: the bioplastics' identity*
title of the presentation: *Natural fibre composites in product design: an investigation into material perception and acceptance*
<http://www.dppi11.polimi.it>
- **Design & Emotion**, the 6th International Conference on Design & Emotion, Dare to desire, School of Design, The Hong Kong Polytechnic University, China - October 2008
title of the presentation: *The Importance of Textiles Hand in Comfort and Emotional Design*
<http://www.sd.polyu.edu.hk/en/event/6th-design-and-emotion-conference>
- **Design & Emotion**, the 4th International Conference on Design & Emotion, Middle East Technical University METU Ankara, Turkey - June 2004
title of the presentation: *Emotions in Design through Materials An expressive-sensorial atlas as a project tool for design of materials*
- **Materials and Sensations**, 1st International Workshop, Pau, France - October 2004
title of the presentation: *The Expressive-Sensorial Dimension of Materials for Industrial Design*
- **Senses and Sensibility**, 1st International Meeting of Science and Technology of Design, Linking Tradition to Innovation through Design, IADE Institute, Lisbon, PT - September 2003
title of the presentation: *The aesthetic and sensorial characterization of design materials*

INVITED INTERNATIONAL LECTURES and WORKSHOPS

- *Materials on Tour*, invited lecture at **Sheffield Hallam University**, 02/2019, UK (invited by Prof. Daniela Petrelli)

https://blogs.shu.ac.uk/c3riiimpact/lunchtime-seminar-valentina-rognoli-daniela-petrelli/?doing_wp_cron=1568992041.3453929424285888671875

- *Materials education and DIY-Materials*, invited lecture at **RISD Rhode Island School of Design**, September 2018, Providence USA (invited by Prof. Paolo Cardini)
- *The POLIMI approach to materials for design*, invited lecture at **MIT Media Lab - Object-Based Media Group**, 09/2018, Cambridge USA (invited by Prof. Michael Bove)
- *Materials on Tour*, invited lecture at **ESAD Matosinhos**, May 2018, ESAD ID TALK, PT (invited by Prof. Lucio Magri)
<https://www.esad.pt/pt/news/valentina-rognoli>
- *The expressive-sensorial qualities of self-produced bioplastics* - Workshop at the Creative Marathon 2017, **Elisava, Barcelona School of Design and Engineering**, 12/2017, Barcelona, ES (invited by Prof. Laura Cleris)
<http://www.elisava.net/en/center/agenda/18th-elisavas-creative-marathon>
- *Materials Driven Design Method* - Workshop, **Burg Giebichenstein University of Art and Design**, 02/2017, Halle, DE (invited by Prof. Aart van Bezooeyen)
- *Mapping the IoT: co-design, test and refine a design framework for IoT products* - Workshop at the NordiChi2016 Conference, **Chalmers University**, 10/2016, Goteborg, Sweden
<http://www.nordichi2016.org/program/workshops/>
- *Materials Activism*, at the Designology e Technosign? seminar organized by **Polifactory**, 04/2016, Politecnico di Milano, IT (invited by Prof. Massimo Bianchini)
- *Material education and materials experiences*, invited lecture at Department of Industrial Systems Engineering and Product Design, **Ghent University**, 02/2015, Gant, BE (invited by Prof. Francesca Ostuzzi)
- *Emerging Materials Experiences*, invited lecture at the Academy of Arts & Design, **Tsinghua University**, 10/2014, Beijing, China (invited by Prof. Hengfeng Zuo)
- *Valorizing Imperfection in Design*, invited lecture at the Socially Tangible Media Course, **TU Delft**, 06/2014, Delft NL (invited by Prof. Elisa Giaccardi)
<https://www.scribd.com/document/248551116/Socially-Tangible-Media-booklet>
- *Workers built your own machineries!* Workshop with Ernesto Oroza, at the School of Design, **Politecnico di Milano**, 05/2014, Milano IT
<http://www.technologicaldisobedience.com/2016/05/18/worker-build-your-own-machinery-workshop/>
- *Materials for Design in research and education*, invited lecture at **Aalto University**, 04/2014, Helsinki, FI (invited by Prof. Hartikainen Jussi)
- *Materials for Design in research and education*, invited lecture at **Loughborough Design School**, 06/2012, Loughborough, UK (invited by Prof. Tracy Brahma)
- *Materials for Design in research and education*, invited lecture at the School of Industrial Design, **Carleton University**, 04/2012, Ottawa, CA (invited by Prof. Thomas Garvey)
- *The expressive-sensorial characterization of materials*, Invited lecture at Product design course, **Instituto Superior de Diseño Industrial ISDI**, 03/2005, La Habana, Cuba CU

PUBLIC EXHIBITIONS

- Design x Designers 2019, Milan, Politecnico di Milano, Design School, 28/03-28/04/2019
- London Design Fair 2018, exhibition 'Design < > Research' by the Burberry Future Materials Research Group at the Royal College of Art, 21-23/09/2018
- Design x Designers 2018, Milan, Politecnico di Milano, Design School, 10/04-02/05/2018
- EKSIG conference projects exhibition 2017, Rotterdam, Het Neue Instituut, 19-20/06/2017
- The Materials Farm 2017, Barcelona, MaterFAD at Barcelona Design Hub, 28/06-21/09/2017
- 'Materials Visions' exhibition by Materfad, at 'BB Construmat 2017' Construction Fair of Barcelona, 23-26/05/2017
- Exhibition on innovative materials by Haute Innovation, at Interzum, Cologne, Germany, 16-19/05/2017
- Design x Designers 2017, Milan, Politecnico di Milano, Design School, 28/03-28/04/2017

TENURE TEACHING AT POLIMI

- (2019/20) **Metadesign Studio**
2° year Bachelor degree in Product Design (Milano Bovisa) – Processes and methods of design, 6 ECTS (*in collaboration with Barovier&Toso*)
- (2018/19) **Metadesign Studio**
2° year Bachelor degree in Product Design (Milano Bovisa) – Processes and methods of design, 6 ECTS (*in collaboration with Materials Connexion Italia*)
- (2016 – 2018) **Smart Design Studio (two editions)**
2° year Master of Science Design for Integrated Product Design (Milano Bovisa) – Design Elements, 6 ECTS (*in collaboration with Braun and Whirlpool*)
- (2016 – 2018) **Designing Materials Experiences (two editions)** (coordinator)
elective course, 1° and 2° year of all Masters of the School of Design (Milano Bovisa) – Design Elements and Lessons, 6 ECTS
- (2016/17) **Design Fundamentals Studio**
2° year Bachelor degree in Product Design (Milano Bovisa) – 4 ECTS
- (2015/16) **Concept Studio Lab**
1° and 2° year Master of Science Design for Product Innovation – 6 ECTS
- (2015/16) **Industrial Design Studio**
1° year Master of Science Design for Product Innovation (Milano Bovisa) – 2 ECTS
- (2007 – 2015) **Expressive-sensorial dimension of materials** (coordinator)
3° year, Elective course of Bachelor degree in Product Design (Milano Bovisa) – 6 ECTS
- (2010 – 2015) **Product Development Studio**
1° year Master of Science Design for Product Innovation (Milano Bovisa) – 2 ECTS
- (2010/11) **Materials selection for innovation**
3° year Bachelor degree in Product Design (Milano Bovisa) – 2 ECTS
- (2005/06) **Materials for design**
1° year Master Design & Engineering (Milano Bovisa) – 6 ECTS
- (2005/06) **Materials for fashion**
3° year Bachelor degree in Fashion Design (Milano Bovisa) – 2 ECTS
- (2004/05) **Materials for Jewellery**
3° year Bachelor degree in Fashion Design (Milano Bovisa) – 2 ECTS
- (2005/06) **Technologies and Materials for design**
3° year Bachelor degree in Product Design (Milano Bovisa) – 2 ECTS
- (2001/2004) **Materials for Design and Design Studios** (Teaching Assistant)
3° year Bachelor degree in Product Design (Milano Bovisa)

TEACHING IN OTHER RECOGNIZED INSTITUTIONS

- TUDelft, NL – (June 2019), Teaching Staff Exchange activity, Erasmus +
- Elisava, Barcelona ES – (March 2019), Teaching Staff Exchange activity, Erasmus +
- Sheffield Hallam University, UK – (February 2019), Teaching Staff Exchange activity, Erasmus +
- TUDelft, NL – (June 2018), Teaching Staff Exchange activity, Erasmus +
- ESAD, Porto, PT – (May 2018), Teaching Staff Exchange activity, Erasmus +
- Elisava, Barcelona ES – (April 2018), Teaching Staff Exchange activity, Erasmus +
- TUDelft, NL – (April 2018), Teaching Staff Exchange activity, Erasmus +
- Elisava, Barcelona ES – (December 2017), Teaching Staff Exchange activity, Erasmus +
- (2017/18) **Advanced Design Studio**
2° year Master Degree in Advanced Design - Design Elements and Lessons, 3 ECTS Scuola di Ingegneria e Architettura, **Bologna Alma Mater Studiorum**

- TUDelft, NL – (September 2017), Teaching Staff Exchange activity, Erasmus +
- TUDelft, NL – (June 2017), Teaching Staff Exchange activity, Erasmus +
- Ghent University, BE – (February 2015), Teaching Staff Exchange activity, Erasmus
- (2014/15) Materials and Design
2° year Bachelor Degree in Product Design, 4 ECTS
SAAD Scuola di Architettura e Design Eduardo Vittoria, **Università di Camerino**
- TUDelft, NL – (November 2013), Teaching Staff Exchange activity, Erasmus +
- TUDelft, NL – (November 2012), Teaching Staff Exchange activity, Erasmus +
- (2006 – 2009) *Materials for design*
3° year Bachelor Degree in Product Design,
Università degli Studi della Repubblica di San Marino
- (2003/04) Expressive-sensorial qualities of materials
2° year Bachelor Degree in Visual Communication and Multimedia, 4 ECTS
Facoltà di design e arti, **Università IUAV di Venezia**

PhD TUTORING

- 2016 – 2020 (*in progress*)
Design for Hybrid Material Systems. Material Augmentation's guidelines for Meaningful Experiences
by Stefano Parisi – PhD in Design, Design Department, Politecnico di Milano - Ciclo XXXII – **founded by Fondazione F.lli Confalonieri**
- 2017 – 2021 (*in progress*)
Material Education for Design. Focus on experimentation and speculation as key element of learning process by Ziyu Zhou, co-supervisor Prof. M. Celi – PhD in Design, Design Department, Politecnico di Milano – Ciclo XXXIII – **founded by China Scholarship Council**
- 2019 – 2022 (*in progress*)
Driving a sustainable switch in fashion through design. Experimenting the role of design in the development of an alternative, and sustainable, apparel supply chain model within the fashion sector by Erminia D'Itria, supervisor Prof. Chiara Colombi – PhD in Design, Design Department, Politecnico di Milano - Ciclo XXXIV
- 2020 – 2023 (*in progress*)
Circular Materials for Design
by Barbara Pollini – PhD in Design, Design Department, Politecnico di Milano - Ciclo XXXV
- *The Materials Generation. The emerging materials experience of DIY-Materials*
by Camilo Ayala Garcia – PhD in Design, Design Department, Politecnico di Milano - Ciclo XXXI – **founded by Colombian Government and Universidad de Los Andes**
defended on February 2019

MASTER THESIS TUTORING

Master students - Supervising master theses (2010-2019)

46 Master students at the Politecnico di Milano

2 Master students at TUDelft

<https://www.politesi.polimi.it/>

INVITATIONS IN PhD INTERNATIONAL EXAMINATION BOARDS

- **Leader Discussant** - Charlotte Sorensen's PhD defence, Department of Design Sciences, Faculty of Engineering, Lund University, Sweden - October 2018 (invited by Prof. Anders Warell)
- **Member of the examination board** – Francesca Ostuzzi's PhD defence, Department of Industrial Systems Engineering and Product Design (EA18), Faculty of Engineering and Architecture Ghent University, Belgium – September 2017, internal discussion and November 2017, public defence (invited by Prof. Jelle Saldien)

- **Member of the examination board** – Elvin Karana’s PhD defence, Department of Industrial Design, TUDelft, The Netherlands – May 2009 (invited by Prof. Paul Hekkert)

MEDIA APPEARANCE

- Interviewed by IADE, *UnReleased - Design Research Podcast*, March 2019
<https://podcasts.apple.com/us/podcast/unreleased-design-research-podcast/id1445374173>
- interviewed by Domus about Materials Experience, Domus N. 1027 Sept. 2018
<https://www.shoped.it/shop/prodotto/domus-n-1027-settembre-2018-digitale/>
- interviewed by international magazine on the Bioeconomy and the Circular Economy, has featured the course Designing Materials Experiences in the article *Thinking with our hands* by Barbara Pollini and Francesca Maccagnan, Renewable Matter #19Dec.-Jan. 2018
http://www.renewablematter.eu/en/art/767/Thinking_with_Our_Hands
- Interviewed by Design Department, 2017
<http://www.dipartimentodesign.polimi.it/en/valentina-rognoli-materials-experience-eng>

NETWORK

- *Jimena Alarcon*, Head of Design Research Laboratory al Bío-Bío University, Chile
- *Camilo Ayala Garcia*, Assistant Professor, Universidad de Los Andes, Bogotá, Colombia
- *Sharon Baurley*, Professor and Appointed Chair of the Burberry Material Futures Research Group, Royal College of Art (RCA), London, UK
- *Michael Bove*, head of the Object-Based Media Group at the Media Lab, MIT, Cambridge, USA
- *Blaine Brownell*, Associate Professor and director of graduate studies at the University of Minnesota School of Architecture and principal of the design and research practice Transtudio, USA
- *Paolo Cardini*, Associate Professor at RISD, Rhode Island School of Design, Providence, USA
- *Ruben Hernan Jacob Dazarola*, Assistant Professor in Design at Universidad de Chile, Santiago de Chile
- *Karmen Franinovic*, Professor for Interaction Design at the ZHdK and she leads Interaction research at Institute for Design Research, Zurich, Switzerland
- *Elisa Giaccardi*, Professor and Chair of Interactive Media Design at Delft University of Technology (TU Delft), where she leads the research group Connected Everyday Lab
- *Markus Holzbach*, Professor of Visualisation and Materialisation at University of Art and Design HfG Offenbach, D
- *Carla Langella*, Assistant Professor Università degli Studi della Campania Luigi Vanvitelli and head of Hybrid Design Lab
- *Elvin Karana* is Associate Professor in the department of Design Engineering (DE) at Delft University of Technology (TU Delft), where she leads the Materials Experience Lab
- *Lucio Magri*, Associate Professor, ESAD Art+Design, Mahtosinos, Porto, Portugal
- *José Gómez-Márquez*, Program Director for the Innovations in International Health Initiative at MIT and Instructor at MIT's D-Lab
- *Francesca Ostuzzi*, Assistant Professor at Universiteit Gent, Department of Industrial Systems Engineering and Product Design
- *Owain Pedgley*, Full Professor at Middle East Technical University, Industrial Design Department, METU, Ankara Turkey
- *Daniela Petrelli*, Professor of Interaction Design at Sheffield Hallam University, UK
- *Rick Schifferstein*, Associate Professor at the Faculty of Industrial Design Engineering of Delft University of Technology (TU Delft)
- *Marieke Sonneveld*, Assistant Professor - TUDelft

- *Oscar Tomico*, Assistant Professor and part of the Wearable Senses Lab at Eindhoven University of Technology (TU/e) and head of the Design Engineering Bachelor program at ELISAVA Design and Engineering school, Spain
- *Anna Vallgarda*, Associate Professor and Head of the ixd lab at the IT University of Copenhagen
- *Hengfeng Zuo*, Associate Professor of Tsinghua University, Beijing, China
- *Debra Lilley*, Senior Lecturer, Loughborough Design School, UK
- *Ben Bridgens*, Newcastle University, School of Architecture, Planning and Landscape, Faculty Member
- *Carole Collet*, Professor in Design for Sustainable Futures at Central Saint Martins, University of the Arts
- *Richard Lombard*, Matter of importance: <http://matterofimportance.com>
- *Ernesto Oroza*, <http://www.technologicaldisobedience.com/>

SCIENTIFIC COMMITTEES, EDITORIAL BOARDS AND REVIEW ACTIVITIES

Scientific Committees

- **Senses & Sensibility** – 10th international conference: Lost in (G)localization, co-chair of the track – “Design for new materials and new manufacturing technology”, Lisbon next 27-29 November 2019
<http://senses2019.unidcom-iade.pt/>
- **DDC'19 Conference** – Doctoral Design Conference 19 – IADE Universidade Europeia, Lisbona, PT. 22-24 May 2019
<http://ddc2019.unidcom-iade.pt/>
- **DRS 2019** – LearnXdesign DRS Special Interest Group in Design Pedagogy (PedSIG) – 5^o International Conference for Design Education Researchers, Middle East Technical University (METU) Ankara, Turkey. 9-12 July 2019.
Track Co-chairs, Track 17 – Design Materialization.
https://blog.metu.edu.tr/drs/xd19/files/2018/11/DRSLXD19_Call-for-papers.pdf
- **Plate 2019** – 3rd International Conference on Products, Lifetimes and the Environment, Berlin, Germany - 18-20 September 2019
Scientific Advisory Committee
<https://www.plateconference.org/plate-2019-conference/committees/>
- **SID** – 8^o Seminario de Investigación en Diseño, un espacio para la cultura – 20-21 noviembre 2018, Universidad del Bio Bio, Concepción, Chile
Comité Científico
http://sid.ubiobio.cl/?page_id=15
- **DRS 2018** – Design Research Society, Catalyst. University of Limerick, Ireland, 25th-28th June 2018. Track: Objects, Practices, Experiences and Networks (OPEN Sig): Material-Enabled Changes in Design Research and Practice
Track Sub-chairs
<http://www.drs2018limerick.org/track/objects-practices-experiences-and-networks-opensig>
- **IHSI 2018** – 1st International Conference on Intelligent Human Systems Integration: Integrating People and Intelligent Systems, January 7-9, 2018, Dubai, United Arab Emirates
Scientific Program Advisory Board
http://www.ihsint.org/files/TOC_IHSI2018.pdf
- **Plate 2017** – 2nd International Conference on Products, Lifetimes and the Environment, Faculty of Industrial Engineering at TU Delft, Netherlands, November 8 –10, 2017
Scientific Advisory Committee
<https://www.plateconference.org/second-plate-conference/committees/>
- **Eksig 2017** – DRS Special Interest Group on Experiential Knowledge, *Alive. Active. Adaptive.* International Conference on Experiential Knowledge and Emerging Materials. Faculty of Industrial Engineering at TU Delft, Netherlands, November 8 –10, 2017
Scientific Advisory Committee
<https://www.eksig2017.com/>

Editorial board

- Editor of the special number of International Journal of Food Design ISSN 20566522, ONLINE ISSN 20566530 - "Materiality between Food and Design" – ready on 2020 (ongoing review process)
- Editor of *Materials Experience. Expanding Territories of Materials and Design*, Butterworth-Heinemann (2020) (ongoing review process)
- Member of the Editorial Board of *Temes de Disseny journal* number #35 focused on AI and Emerging Digital Technologies as a design Materials (2019), Elisava School of Design and Engineering, Barcelona
https://www.elisava.net/en/search?search_api_fulltext=temes+de+desseny
- Editor and Coordinator of Cuadernos del Centro de Estudios de Diseño y Comunicación N°94 focused on *Realidad difusa. Prácticas de diseño y tendencias*, Buenos Aires, Argentina, (2019)
https://fido.palermo.edu/servicios_dyc/publicacionesdc/vista/detalle_publicacion.php?id_libro=777
- Member of the Editorial Board of *Temes de Disseny journal* number #34 focused on Material interactions in the human-made milieu (2018), Elisava School of Design and Engineering, Barcelona
<https://www.elisava.net/en/publications/temes-disseny-34-material-interactions-human-made-milieu>
- Editor and Coordinator of *Cuadernos del Centro de Estudios de Diseño y Comunicación* N°70 focused on Materialidad difusa. Prácticas de diseño y tendencias, Año XIX (2018), Buenos Aires, Argentina, ISSN: 1668-0227
https://fido.palermo.edu/servicios_dyc/publicacionesdc/vista/detalle_publicacion.php?id_libro=664
- Guest Editor of *The Journal of Materials and Design*, Special Issue on Emerging Material Experiences (2015-2016)
<https://www.sciencedirect.com/science/article/pii/S026412751500475X>
- Editor of *Materials Experience. Fundamentals of Materials and Design*, Butterworth-Heinemann (2014)
<https://www.elsevier.com/books/materials-experience/karana/978-0-08-099359-1>
- Editing and Italian translation of *Materials and Design: The Art and Science of Material Selection in Product Design* by Mike Ashby and Kara Johnson, Butterworth-Heinemann (2010)
- Associate Editor in *Design Principles and Practices: An International Journal*, Volume 5, Issue 4 (2010)
https://agingandsociety.com/assets/pdf/Design_Collection_old.pdf

Reviewer for:

Conference Proceedings

- **LeNS World Distributed Conference** – Designing Sustainability for All, it will be hosted by Mexico City (Mexico), Curitiba (Brasil), Cape Town (South Africa), Bangalore (India), Beijing (China) and Milan (Italy) - 3-5 April 2019
Reviewer of papers
- **IHSI 2019** – International Conference on *Intelligent Human Systems Integration: Integrating People and Intelligent Systems*, Hilton San Diego Bayfront, California USA, February 7-10
Reviewer of papers
- **DRS 2019** – LearnXdesign DRS Special Interest Group in Design Pedagogy (PedSIG) – 5° International Conference for Design Education Researchers, Middle East Technical University (METU) Ankara, Turkey. 9-12 July 2019
Reviewer of papers
- **DRS 2018** – Design Research Society, Catalyst. University of Limerick, Irland, 25th-28th June 2018. Track: Objects, Practices, Experiences and Networks (OPEN Sig): Material-Enabled Changes in Design Research and Practice
Reviewer of papers
- **Plate 2017** – 2nd International Conference on Products, Lifetimes and the Environment, Faculty of Industrial Engineering at TU Delft, Netherlands, November 8 –10, 2017
Reviewer of papers

- **EAD 2017** – Design for the Next. 12th European Academy of Design Conference – Rome, 12-14 April 2017
Reviewer of papers
- **NordiChi 2016** – Game Changing Design. 9th Nordic Conference on Human-Computer Interaction. Lindholmen Conference Center, October 23-27, Gothenburg, Sweden.
Reviewer of papers
- **CHI 2016** – Conference on Human Factors in Computing Systems, May 7 – 12 at San Jose, CA, USA
Reviewer of papers
- **DeSForM 2015** – AESTHETICS OF INTERACTION: DYNAMIC, MULTISENSORY, WISE 9th International Conference on Design and Semantics of Form and Movement Politecnico di Milano (Italy), 13 – 17 October 2015
Reviewer of papers
- **Cumulus Conference Milan 2015** – The Virtuous Circle. Design Culture and Experimentation June 3 – 7, Politecnico di Milano, Italy
Reviewer of papers

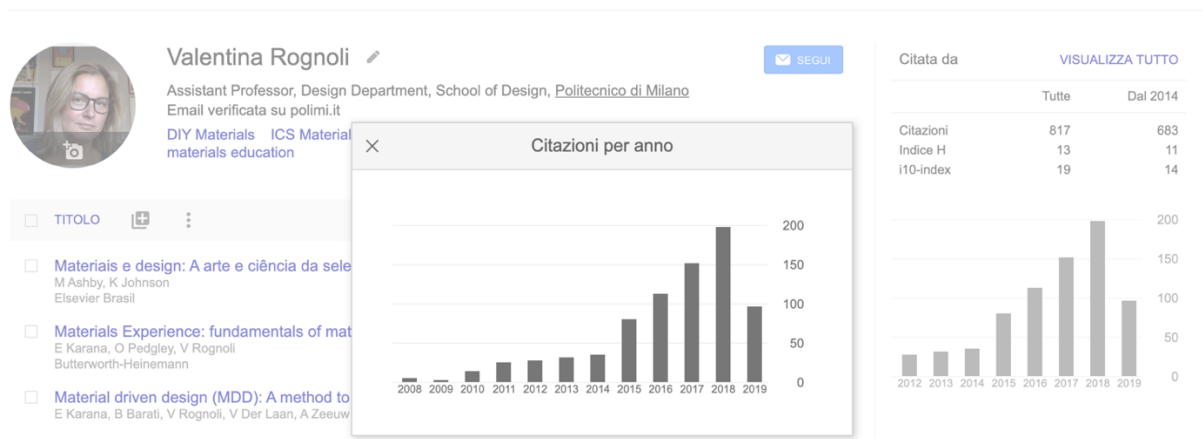
Journals

- **Journal of Design Research** – Inderscience Publisher, ISSN 1748-3050
JDR is an interdisciplinary journal, emphasising human aspects as a central issue of design through integrative studies of social sciences and design disciplines
Reviewer of articles
<https://www.inderscience.com/jhome.php?jcode=jdr>
- **Sustainability** – Open Access Journal by MDPI
Sustainability (ISSN 2071-1050; CODEN: SUSTDE) is an international, cross-disciplinary, scholarly, peer-reviewed and open access journal of environmental, cultural, economic, and social sustainability of human beings
Reviewer of articles
<https://www.mdpi.com/journal/sustainability>
- **Journal of Cleaner Production** – Elsevier, ISSN 0959-6526
The Journal of Cleaner Production is an international, transdisciplinary journal focusing on Cleaner Production, Environmental, and Sustainability research and practice. Through our published articles, we aim at helping societies become more sustainable.
Reviewer of articles
<https://www.journals.elsevier.com/journal-of-cleaner-production>
- **International Journal of Design** - ISSN 1994-036X
The International Journal of Design is a peer-reviewed, open-access journal devoted to publishing research papers in all fields of design, including industrial design, visual communication design, interface design, animation and game design, architectural design, urban design, and other design related fields.
Reviewer of articles
<http://www.ijdesign.org/index.php/IJDesign>
- **Journal of Industrial Ecology** – Wiley Online Library, ISSN 1530-9290
The Journal of Industrial Ecology addresses a series of related topics including, material and energy flows studies, technological change, dematerialization and decarbonization, life cycle planning, design and assessment, design for the environment, extended producer responsibility, eco-industrial parks, product-oriented environmental, policy eco-efficiency.
Reviewer of articles
<https://onlinelibrary.wiley.com/journal/15309290>
- **Materials & Design** – Elsevier, ISSN 0264-1275
Modern engineered materials play a central role in enabling technological designs that underpin, advance and revolutionise engineering practice. *Materials & Design* seeks to publish reports of materials research that present applicable advances in the insight into structure and function.
Reviewer of articles
<https://www.journals.elsevier.com/materials-and-design>

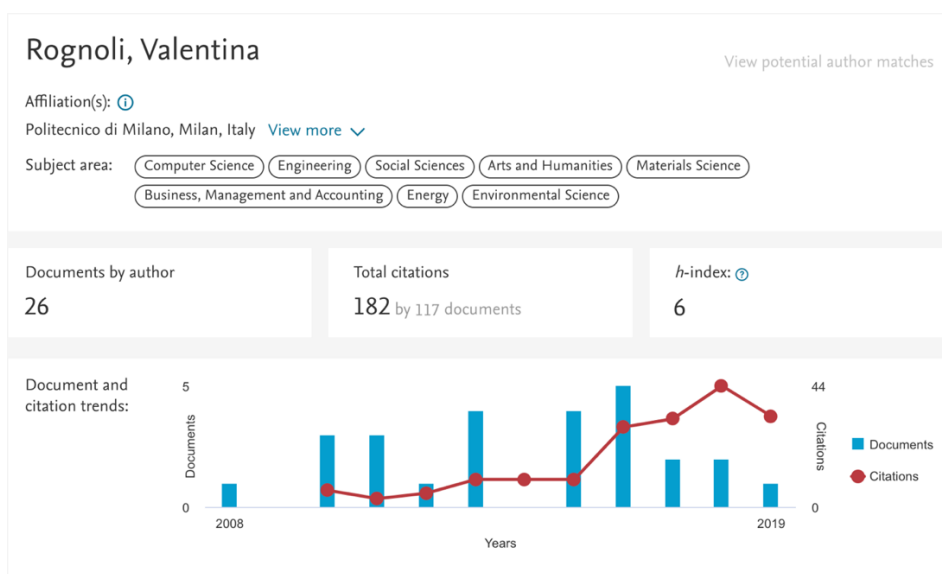
- **Design Principle and Practices** – Commonground, ISSN 2473-5736
Design Principles and Practices: An International Journal—Annual Review aims to create an intellectual frame of reference, and to support an interdisciplinary conversation on the role of the design in society.
Reviewer of articles
<https://designprinciplesandpractices.com/journals/collection#block-1>
- **MD Journal** (Università di Ferrara) - ISSN 2531-9477
Reviewer of articles
http://materialdesign.it/it/journal-md/_55.htm
- **RChD: Revista Cilena de Diseno. Creation y Pensamiento**, Universidad de Chile, ISSN 0719-837X
Reviewer of articles
<https://rhd.uchile.cl/>
- **Cuadernos del Centro de Estudios de Diseño y Comunicación**, Universidad de Palermo Argentina, ISSN: 1668-0227
Reviewer of articles
https://fido.palermo.edu/servicios_dyc/publicacionesdc/vista/publicaciones.php?id_publicacion=2

SCIENTIFIC IMPACT (2019)

- **Google scholar h-Index: 13; i10 index: 19; Total citations: 817 (all); 683 (since 2013)**
<https://scholar.google.it/citations?user=tO-VpSYAAAAJ&hl=it&oi=ao>
- **Scopus H-Index: 6**
<https://www.scopus.com/authid/detail.uri?authorId=36716838800>



<https://scholar.google.it/citations?user=tO-VpSYAAAAJ&hl=it&oi=ao>



<https://www.scopus.com/authid/detail.uri?authorId=36716838800>

PUBLICATIONS

Books

1. Rognoli V., Levi M. (2011). *Il senso dei materiali per il design*, (The sense of materials for design). Milano: Franco Angeli, pp. 1-271, ISBN: 978-88-568-3230-3.
2. Ostuzzi F., Salvia G., Rognoli V., Levi M. (2011). *Il valore dell'imperfezione: l'approccio wabi-sabi al design*, (The value of imperfection: the wabi-sabi approach to design). Milano: Franco Angeli, pp.1-135, ISBN: 978-88-568-3886-2.
3. Biondi E., Rognoli V., Levi M., (2009). *Le neuroscienze per il design: la dimensione emotiva del progetto*, (Neurosciences for design: the emotional side of design). Milano: Franco Angeli, pp. 1-166, ISBN: 978-88-568-1273-2
4. Salvia G., Rognoli V., Levi M., (2009). *Il progetto della Natura. Gli strumenti della biomimesi per il design*, (Design of Nature: the biomimetic tools for design). Milano: Franco Angeli, p. 1-294, ISBN: 978-88-568-0501-7
5. Rognoli V., Levi M., (2005). *Materiali per il design: espressività e sensorialità*, (Materials for design: expressivity and sensoriality). Milano: Polipress, p. 1-180, ISBN: 88-7398-012-0

Edited books and journals

6. Rognoli V., Ferraro V. Eds. (2020). *ICS Materials*. Milano: Franco Angeli. (in progress)
7. Jacob R., De Francisco Vela S., Rognoli V. Eds. (2020). Special Number of *Diseña*, Journal of Pontificia U. Católica de Chile. (in progress)
8. Karana E., Rognoli V., Pedgley O., Eds. (2020). *Materials Experience: Expanding Territories of Materials and Design*. Butterworth-Heinemann: Elsevier, UK. (in progress)
9. Rognoli V., Ferrara M., Eds. (2019). *Realidad Diffusa*. Special Issue of Cuadernos del Centro de Estudios de Diseño y Comunicación de la Universidad de Palermo, Buenos Aires, Argentina
10. Ferrara M., Rognoli V., Eds. (2017). *Diffuse Materialities/Materialidad diffusa*. Special Issue of Cuadernos del Centro de Estudios de Diseño y Comunicación de la Universidad de Palermo, Buenos Aires, Argentina
11. Karana E., Pedgley O., Rognoli V., Korsunsky A. M., Eds. (2015). Special issue of *Materials and Design Journal on Emerging Materials Experience*.
12. Karana E., Pedgley O., Rognoli V., Eds. (2014). *Materials Experience: Fundamentals of Materials and Design*. Butterworth-Heinemann: Elsevier, UK. ISBN: 978-0-08-099359-1
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Chapters

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