

Enza Migliore

PERSONAL INFORMATION

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Enza Migliore is a researcher and educator in design, focusing on materials exploration through interdisciplinary and empirical design practices. Ph.D. in Design and Innovation from the Second University of Naples; her research is in Materials and Design, Bio-Innovation, and Eco-intelligent Design. She has been awarded a Post-Doctoral Research fellowship (2017-2019) by JSPS (Japan Society for Promotion of Science). During her post-doctoral research at the Metropolitan University of Tokyo, she examined critical perspectives on the future of materials innovation.

She is an Assistant Professor at the School of Design, SUSTech University, in Shenzhen, leading the *Materialities* Research Group, exploring materials through ecology, technology, and culture. She has been awarded the 'Pengcheng Peacock Plan' for International Talents.

Enza participates in international exhibitions as a part of her divulgation activity. She is a visiting researcher at IPCB, Institute of Polymers, Composites, and Biomaterials (Italian National Research Centre), at the Foamlab (Federico II University of Naples) and Hybrid Design Lab.

<https://designschool.sustech.edu.cn>

<https://www.ipcb.cnr.it>

<https://www.foamlab.unina.it>

<https://www.hybriddesignlab.org>

the **Materialities** Research Group

explores **materials** through **ecology**, **technology**, and **culture**.

Research Areas:

Ecological Materials Systems

- Porous systems for enhanced bio-receptive indoor design
- Biodigital material systems
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More-Than-Human Design

- Technology-aided co-experience and co-design for better environments
- A Grain Of. A Multimodal Representation of the City's Ecology Through Material and Sound

Material Culture

- Material Clusters. Imminent archeology of the urban sites

EMPLOYMENT & EDUCATION

Southern University of Science and Technology (SUSTech), Shenzhen, CHINA
Assistant Professor, School of Design, **2022 – Present**

X'ian Jiaotong Liverpool University, Suzhou, CHINA
Design Studio Tutor in Industrial Design, 2nd and 3rd Year Undergraduate Program, 2020 - 2021

AiIT, Tokyo Metropolitan University, (JSPS fellowship) Tokyo, JAPAN
Post-doctoral Fellow, funded by Japan Society for Promotion of Science, **2017-2019**
Material meaning

Seconda Università degli Studi di Napoli, Aversa, Italy
Ph.D. in Design and Innovation in collaboration with **IPCB** (Institute of Polymers, Composites, and Biomaterials, **CNR** (Italian National Research Council); Advisors: Prof. Carla Langella, Dr. Salvatore Iannace, Prof. Sabrina Lucibello, Dr. Letizia Verdolotti, **2016**

Goldsmiths, University of London, UK
Visiting Scholar, **March – July 2015**

La Sapienza, University of Rome, Roma, Italy
Master's degree, Industrial Design, Advisor: Prof. Loredana Di Lucchio, 2011

La Sapienza, University of Rome, Roma, Italy
Bachelor's degree, Industrial Design, Advisor: Prof. Loredana Di Lucchio, 2008

JOURNAL FULL PAPERS

B. Galzerano, P. Aprea, L. Verdolotti, M. Salzano de Luna, C. Ascione, D. Caputo, M. Lavorgna, **E. Migliore**, B. Liguori (**2021**). Effect of carbonaceous fillers on adsorption behavior of multifunctional diatomite-based foams for wastewater treatment, *Chemosphere*, Volume 281, 2021, 130999, ISSN 0045-6535, <https://doi.org/10.1016/j.chemosphere.2021.130999>.

Migliore E., Dell'Aglio F., Scarpitti C. (**2018**). *Hyle, dialoghi transdisciplinari sul Design. Un progetto curatoriale sul design contemporaneo legato al territorio*, in *MD Journal*, 05 Design e Territorio, ISSN 2531-9477, pp. 198-209.

Migliore E. (**2015**) *No limits! Superfici come luoghi di progetto*, in *Diid*, 59, Rdesign Press, Roma, pp.174-181, ISSN 1594-8428.

Migliore E., Caruso I., Giambattista A. (**2014**) *Digital dystopias. Design scenarios of technological atopy*, in *quaderni/ planning design technology, scienze per l'abitare*, 03, RDesignPress, pp.79-85, ISBN 9788889819517.

Migliore E. (2014). *Chiasmi estetici/materici/funzionali. Trasposizioni*, in *Arte e Critica*, 78, p.89.

PEER-REVIEWED CONFERENCE PUBLICATIONS

Migliore, E., Scarpitti, C. (2023). Living stone. Transformative transdisciplinary processes for a more-than-human design. Sid Design Per La Diversità, Pescara, 12-13 June 2023.

Migliore, E., Yao, Z., & Deng, X. (2023). Design, User Experience, and Usability. *Proceedings of HCII 2023, Part V, LNCS 14034*.

Migliore, E., Sagesser, M. Z., & Qu, H. (2023). A Grain of. *Proceedings of the Seventeenth International Conference on Tangible, Embedded, and Embodied Interaction*, 1–4.
<https://doi.org/10.1145/3569009.3576178>

Migliore, E., Langella, C. (2021). *De-Sign Materiality to build tangible tales about complex dynamics, identities, and territories*. In: Proc. De-Sign Environment Landscape City 2021, Padiglione Italia, Biennale di Venezia, pp. 371-385.

Migliore E., Dell'Aglio F., Scarpitti C. (2021). *Crafting Ecosystems with data*, In: Proc. Design Culture(s) Cumulus Roma 2020, International Conference, Sapienza University of Rome, Special Issue The value of design in the emergency-driven scenarios.

Migliore, E. (2020). *Time and Design. Time as a key parameter for a survey on contemporary design*. In: Proc. Design Culture(s) Cumulus Roma 2020, International Conference, Sapienza University of Rome.

Migliore, E. (2019). Design challenges towards materials: criticizing directions, stimulating debate, generating interdisciplinary circumstances. In: Proceeding Vol.1 Change, Voices, Open - IASDR 2019 International Conference, Manchester School of Art, pp. 538-552.

Book Chapters

Migliore, E., Convertino, M. (2024). Emerging Materialities: Exploring the Entanglement of Nature, Design, and Technology in Contemporary Materials, In: *Environmental Footprints and Eco-design of Products and Processes*, Special Issue Biomimetics, Biodesign, and Bionics. Technological Advances Towards a Sustainable Development, Springer Nature. **(Accepted)**

Dell'Aglio, F., **Migliore, E.**, Scarpitti, C. **(2024).** Crafting Ecosystems. Algae, echinoids, and algorithms towards a new biomimetic design experience. In *Environmental Footprints and Eco-design of Products and Processes*, Special Issue Biomimetics, Biodesign, and Bionics. Technological Advances Towards a Sustainable Development, Springer Nature. **(Accepted)**

Migliore, E. (2017) *Porosity, il design della porosità. Investigare e sperimentare strumenti, metodi e processi per il trasferimento del progetto della porosità dei materiali al settore del design di prodotto*, in Riccini R. (curated by), *Fare ricerca in design*, Il Poligrafo, ISBN 978-88-7115-976-8, pp. 30-36.

FURTHER PUBLICATIONS

Migliore, E. (2019). *Orientation*. In: Rodgers, P. A., Bremner, C. & Innella, G., *An Illustrated A to Z for the Design of Care*, Lancaster University Press, pp. 64-65.

Hyle, dialoghi transdisciplinari sul design, exhibition catalogue (Naples, Riot Studio), curated by **Migliore E.**, Dell'Aglio F., Scarpitti C., edited by Il Laboratorio, ISBN 978-88-9678-719-9, 2017.

Artworks for the article Oliviero, M., et al., (2017). Dielectric Properties of Sustainable Nanocomposites Based on Zein Protein and Lignin for Biodegradable Insulators. *Advanced Functional Materials*, 27(8). Chooosed as cover for Volume 27, Issue 8, ISSN 1616-301X (Print), 1616-3028 (Electronic).

Migliore E. (2015) *Digital materials, new materials*, in Migliore E., Caruso I., Giambattista A., *Digital materials. The new materiality “biologically digital”*, Digimag, ISSN 2037-2256.

Migliore E. (2014). *The shapes of complication*, in Migliore E., Caruso I., Giambattista A., *Digital Gestalt*, For a classification of digital shapes, Digimag, ISSN 2037-2256.

Artwork for ACS Sustainable Chem. Eng., 2014, 2 (2) TOC of the article pp 254–263. Publication Date (Web): October 21, 2013 (Research Article) DOI: 10.1021/sc400295w. Selected as cover for Issue 2, 2014.

EXHIBITIONS

Migliore, E., Martines, A. (2023). *Material Clusters*, exhibited at “DE+HUMANS. Designing with more-than-human”, Officina Vanvitelli Complesso Monumentale del Belvedere di San Leucio, Caserta. Scientific Coordination by Chiara Scarpitti, Assistant Professor at **Università degli Studi della Campania “Luigi Vanvitelli”**.

CHE, R., **Migliore, E. (2023)** *Isomorphism and Heterogeneity*, peer-review poster selection, exhibited at “Habits of the Anthropocene”, organized by Association for Computer-Aided Design in Architecture (ACADIA) and the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) at the **University of Hong Kong**, 2023 ACADIA conference, HKU Main Library, Nov.2023.

LUO, T., **Migliore, E. (2023).** *NO BOUNDARIES!?A Journey Across Disciplines*, (Curated by), **SUSTech School of Design**, Shenzhen, March 2023. [link](#)

Lancia, M., Galluzzi, M., **Migliore, E.**, Schirinzi, G., (2023). *From order to disorder, the human factor and natural chaos*, exhibited at “NO BOUNDARIES!?A Journey Across Disciplines”, **SUSTech School of Design**, Shenzhen, March 2023.

Dell'Aglio, F., **Migliore, E.**, Scarpitti, C. (2022). *Crafting Ecosystems with Data*, exhibited at Reverse

“Towards a New Paradigm I God is Green V Edition”, Manifattura Tabacchi, Florence. A production by **DIDA – Dipartimento di Architettura dell’Università degli Studi di Firenze, in collaboration with NAM – Not A Museum.** <https://www.manifatturatabacchi.com/en/eventi/reverse-towards-a-new-paradigm-god-is-green-v-edition/>

Migliore, E. (2019). *beyond molecular weight*, vases, glass, and experimental polyurethane, exhibited at **Tokyo Designart 2019**, Tenhoa Daikanyama, Tokyo, 18-27 November 2019
<http://designart.jp/designarttokyo2019/exhibitor/beyond-molecular-weight/>

Migliore, E. with Atelierba (2019). *beyond molecular weight*, foaming on a wall, permanently exhibited at **la casetta, IN99**, Chengdu, **2019 at present.**

Migliore, E. (2018). *Diafanea*, chandelier made with borosilicate glass and silica foams inspired by diatoms micro algae, exhibited at ITALY: THE BEAUTY OF KNOWLEDGE, a traveling exhibit promoted by the **Italian Ministry of Foreign Affairs and International Cooperation**, and led by the **National Research Council (CNR)** in collaboration with **Fondazione Idis-Città della Scienza in Naples, Museo Galileo in Florence, Museo delle Scienza in Trento**, and **Museo Nazionale della Scienza e della Tecnologia “Leonardo da Vinci”** in Milan. <http://www.italy-thebeautyofknowledge.it>

- National Museum of Jakarta, Indonesia, 15/03 - 31/03
- Museum of Hanoi, Vietnam, 7/05 - 16/06
- Guandong Science Center, Canton, China, 23/08 - 31/08
- Kirchner Cultural Center, Buenos Aires, Argentina, 27/11 - 15/12
- National Museum of Singapore, 6/12 - 23/12
- Italian Embassy in New Delhi, 31/10 - 6/11
- Bibliotheca Alexandrina, Alexandria, Egypt, 15/07-22/07
- Fernesina, Italian Ministry of Foreign Affairs and International Cooperation, Rome, Italy, 16/04 - 20/04 (launch).

Dell’Aglia, F., **Migliore, E.**, Scarpitti, C. (2017), *Hyle, dialoghi transdisciplinari sul design*, (Curated by), Riot Studio, Naples, 2017. <https://digicult.it/it/news/hyle>; <https://www.facebook.com/hyledesigndialogues/>

Migliore, E. (2017). *Marsia*, experimental material, and artifact, exhibited at Hyle, dialoghi transdisciplinari sul design, Riot Studio, Naples, 2017.

Migliore, E. (2014). *Transpositions*, exhibited at “l’imperfect,” Pan, Naples, November 2014.

Migliore, E. (2014). Materials Experiments and Diafanea, Light system, exhibited at “Diatom De-Science”, Città della Scienza, Naples, June 2014. <https://diatomdescience.tumblr.com>

TALKS and Presentations

AICREATE, Shaping the Future of Creativity, Global Forum on the impact of AI on creativity, **December 9th, 2023**, Guangming Culture and Art Center, Shenzhen. Invited Panelist.

REVEDA Working Group, Cumulus Conference Narrative of Love, CAFA, Beijing, **November 2023**.
Invited Panelist.

The Question Deduction of Science and Art, Keynote Forum of AIRSpace Exhibition, **August 27th, 2023**, Science and Art Joint Lab, AIRS, Shenzhen. Invited Panelist.

UABB Pingshan, Workshop Digital Archaeologies, **March 2023**. Organizer [link](#)

Sustainability in Industrial Design: Trends and Opportunities. Industrial Design Forum, China-Italy Chamber of Commerce. **Oct 2022**. Speaker: Sustainable Futures. Challenges, Roles, and Practices of Contemporary Design.

4on4 Salon, Academic Talk Series, organized by the Society of Fellows in the Liberal Arts, SUSTech. **May 2022**. Speaker: Time for Design.

NEXUS. Dal neurone alla città, design e ricerca, incontri e confronti, Archivio Sacchi, Milan, **1 December 2018**. Chairman of the round table on Design and materials: a bridge between laboratory and society.

Falling Walls Lab Tokyo, Research Contest, University of Tokyo, **12 May 2018**. Finalist presenter: Breaking the Wall of Unappealing Information.

Fare Ricerca in Design, Second Edition of the Italian National Forum of Design PhD, **25-26 February 2016**, Palazzo Badoer, Università IUAV, Venezia. Speaker: Porosity, the design of porosity. Tools, methods, and processes for the transfer of materials porosity to product design.

Fifth International Conference on Biofoams, Sorrento, **13-16 October 2015**. Poster: Tailored porosity as a Design strategy.

Goldsmiths Design Festival, Public Lecture, London, UK, **September 2015**. Speaker: Porosity: the design of porosity. From porous materials to porosity process.

PhD by Design Conference, Goldsmiths University, London, UK, **6-8 November 2014**. Invited talk: Porosity: the design of porosity. From porous materials to porosity process.

PROFESSIONAL SERVICE

Jury for IDC DREAM WORLD I Metaverse Competition. The 15th China (Shenzhen) International Footwear and Bags Design Award. **Dec 2023**

Jury for DIA Design Intelligence Award. Design Evolution. Preliminary jury. **July 19th, 2023**

Jury for IDC DREAM WORLD I Metaverse Competition. The 14th China (Shenzhen) International Footwear and Bags Design Award. **Oct 2022**

Chairman of the session Voices, IASDR 2019 International Conference, Manchester School of Art, **Sept 2019**.

Board member, Fifth International Conference on Biofoams, Sorrento, 13-16 **Oct 2015**.

Editorial Board Member, Diid, Disegno Industriale-Industrial Design, quarterly magazine of culture, experimentation, and research about industrial design (Class A Journal in Italy), **2013 – 2019**.

Invited reviewer, IASDR 2019 International Conference, Manchester School of Art, **Sept 2019**.

TEACHING

SUSTech School of Design, Shenzhen, China – Assistant Professor

DS223 Client Object - '22 Spring, '23 Spring

DS333 Narrative and Branding - '22 Fall - '23 Fall

Final Year Graduation Project – supervision 3 students

Xi'an Jiaotong Liverpool University, Suzhou, China – Design Studio Tutor

Sept 2020 – June 2021

IND101 Studio: Human needs

IND108 BEng Industrial Design Level 1, Materials for Design

IND314 BEng Industrial Design Year 4, The Art of Camping

IND209 BEng Industrial Design Year 3, Concept Generation and Interaction Design

IND213 BEng/MDes Industrial Design Year 3, Ergonomics

IND308 BEng/MDes Industrial Design Year 4, Design Strategy and Ethics

AIT, Tokyo Metropolitan University – Design Studio Tutor

November 2017 – January 2019

Course of Design [Re]thinking, MEng in Product Design

La Sapienza, Università di Roma – Lecturer and Studio Tutor

February 2015 – July 2015

MSc in Product Design, Course of Product Design Studio 2, and Design and Technologies of Innovative Materials.

Università degli Studi della Campania Luigi Vanvitelli, in collaboration with the California College of Arts of San Francisco, USA - Teaching Assistant and Design Studio Tutor

2013 - 2014

Course of Bio-Innovation Design, Degree in Design Innovation.

La Sapienza, Università di Roma – Teaching Assistant and Design Studio Tutor

2011 – 2012

Course of Design of Innovation, 3^o year of the First level Degree in Product Design. Topic: *The Age-friendly design: products for a sustainable and healthy multigenerational society*.

WORKSHOPS – SEMINARS - LECTURES

Workshop within the Course of Design [Re]thinking, Master Degree in Product Design, at AIT, Tokyo Metropolitan University, **January 2019**. Topic: *Design [Re]thinking Sci-fi movies*.

Seminar and workshop within Product Design Studio V, Master of Science In Product Design, at La Sapienza Università di Roma, **November 2018**. Topic: *Materials Futures and Innovation through a Design Perspective*.

Seminar within the Course Laboratorio del Prodotto e della Comunicazione at the University of Venezia IUAV, **November 2018** Topic: *Creative making as creative writing. Materials design for product Innovation and Communication*.

Seminar within the Course of History of Contemporary Design, Master degree of Product Eco-Design at the University of Campania L. Vanvitelli, **November 2018** Topic: *Creative making as creative writing. Materials design for product Innovation and Communication*.

Lecture within the MSc and First Level Degree, Course of Product Design at BIT, Beijing Institute of Technologies, **June 2018**. Topic: *Design after designing. Exploring new ways of working to define original contribution of the designers in non-strictly-design projects*.

Lecture within the MSc in Design for the Built Environment, Architecture Department Diarc, Scuola Politecnica e delle Scienze di Base, Università degli Studi di Napoli Federico II, **2016**. Lecture topic: *Porosity: the design of porosity*.

Workshop within the MSc in Product Design, Course of Product Design Studio 2 and Design and Technologies of Innovative Materials, Sapienza University of Rome, **March 2015**. Topic: *Porosity and Design*.

Lecture within the first year of the Course of Product Design Studio 1, Master of Science in Product Design at the Faculty of Architecture - “La Sapienza”, Università di Roma, **December 2013**. Lecture topic: *The Italian Design Conscience*

EXHIBITION OF TEACHING RESULTS

UABB Pingshan, Course of Narrative and Branding. Can our Objects tell the story of our life? Students’ work. SUSTech School of Design for Urban Architecture Biennial of Shenzhen and Hong Kong. Shenzhen, Dawan village, Shenzhen, **December 2022**. [link](#)

Fashion Shenzhen 2022, Course of Client: Object. Design for Urban Parents. Baby bottles, Students’ work. SUSTech School of Design in collaboration with Babysil Ltd., Futian Exhibition Center, Shenzhen, **July 2022**. [link](#)

Urban Forest Showroom, Course of Client: Object. The Future of Travel, Students' work. SUSTech School of Design in collaboration with Urban Forest, Upper Hills, Shenzhen, **April 2023**.

Hybrid-Ism And Multi-Ethnicity, Course of Hybridism and Multiethnicity, an international exchange program between the California College of Arts in San Francisco, USA, and the Second University of Naples. **July 2014**. <http://www.hybriddesignlab.org>