

FALLING WALLS LAB MILAN

Friday, 13th September
Auditorium U12 - Guido Martinotti



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO



FALLING WALLS LAB

CONCEPT

The Falling Walls Foundation founded the Falling Walls Lab in 2011 in order to

- ... connect aspiring innovators
- ... discover and develop talents
- ... support interdisciplinary dialogue and international cooperation
- ... develop new ways of scientific communication
- ... build new and strong networks

TIMELINE

14.30 – 15.15 - Arrival and registration for participants

15.15–15.45 - Welcome and introductory remarks

- Prof. Maria Cristina Messa - Rector University of Milano-Bicocca
- Martina Cambiaghi - Regional Minister of Lombardy Region responsible for Sport and Youth

15.45–17.00 - Presentations

1. Breaking the Wall of Psychological care's stigma - Amicone Giulia
2. Breaking the Wall of Reactive Nitrogen pollution – Barone Elena Maria Vittoria
3. Breaking the Wall of Heating Patches – Borzenkov Mykola
4. Breaking the Wall of Marginalization – Castiglione Irene
5. Breaking the Wall of scientific competition – Ciboddo Michele
6. Breaking the Wall of the Second life of cigarette butts – Lamanna Niccolò
7. Breaking the Wall of Programming – Rizvi Mehdi
8. Breaking the Wall of e-Waste Collection & Disposal – Saibene Sonia
9. Breaking the Wall of Scientist innovating Business – Stucchi Maurizio Ismaele
10. Breaking the Wall of Stressful Professional Relocation – Tafesse Elsa
11. Breaking the Wall of covert gender-based stereotypes – Zanchi Chiara
12. Breaking the Wall of Construction Waste –Zanotto Francesca

17.00–17.45 - Networking break (Labsters and audience) / Evaluation session (jury)

17.45–18.15 - Award ceremony / Group picture

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JURY

Cristina Pozzi

CEO & Co founder Impactscool

Francesca Pasinelli

Director General - Telethon Foundation

Francesco Inguscio

Founder & CEO Nuvolab

Francesco Svelto

Rector University of Pavia

Maria Cristina Messa

Rector University of Milano-Bicocca.

Michela Matteoli

Director of Neuroscience Program, Humanitas Clinical and Research Center

Remo Morzenti Pellegrini

Rector University of Bergamo

PARTICIPANTS

- 1 Giulia Amicone, Ph.D.,
Apsicologa,**
I am a licensed psychologist and I hold a Ph.D. in Environmental Psychology. My professional expertise and research interests lie in the promotion of psychological well-being in everyday life contexts. For the last two years, I have been conducting individual psychological support, parent training and experiential laboratories in school environments. I have developed and led research projects regarding pro-environmental attitudes and the benefits of nature on people since 2013, working in stimulating academic environments in Rome, Stockholm, Amsterdam and Valencia
- 2 Elena Maria Vittoria Barone,
Management Engineer and MBA
Fellow,
Collège des ingenieurs,**
Enthusiastic young engineer deeply passionate about sustainability issues and smart solutions to face them. Born and raised in Milan, I enriched my academic knowledge with abroad experiences and random odd jobs to be constantly inspired by different and unexpected situations. Now, believing that we can no longer neglect the impacts our actions have on people and on the environment, I'm working actively with some great minds to attack the problem of reactive nitrogen pollution, a threat to everyone!
- 3 Mykola Borzenkov, PhD,
Department of Medicine and Surgery,
Nanomedicine Center,
University of Milano-Bicocca,**
Mykola Borzenkov received Ph.D. in Organic Chemistry. In 2008 and in 2012 he worked as visiting scientist at University of Bristol and University of Erlangen-Nuremberg (Department of Biomaterials). In 2013 he started to work as researcher at University of Milano-Bicocca (Department of Medicine and Surgery, Center of Nanomedicine). His research activity covers Chemistry, Nanotechnology, Materials Science and Nanomedicine.
- 4 Irene Castiglione, Mrs.,
University of Milano-Bicocca,**
35 years, born in Sicily, passionate about aviation, she is currently a student of MBA at University of Geneva
- 5 Michele Ciboddo, MD,
University of the Study of Pavia,**
I am currently a resident of Hematology at University of Pavia, attending the Hematology/Oncology ward. The goal of my research is to connect different biological processes, apparently detached, to a common network. This will lead a better understanding of these disorders and, lately, to the possibility of developing novel therapeutic agents. During my residency, I attended Harvard Medical School, as visiting scientist. This experience has given me the possibility to compare two profoundly different research settings. After that, I developed a new awareness of how disparities and suboptimal source exploitation occur throughout the whole scientific system and community.
- 6 Niccolò Lamanna,
University of Milano-Bicocca,**
I have always been in love with science since i was a kid. In fact, I embarked on the research path, in 2016 I graduated in 'Biology' a bachelor degree, and soon I'll graduate in 'Science and Technology for the Environment and the Territory'. Defense and preservation of the environment have become my first interests. Then i thought about a solution to improve the environment and the life of those who live there, here it born 'The second life of cigarette butts", that means give a chance to the butts being recycled and reintroduced into the economy cycle.
- 7 Mehdi Rizvi,
Free University of Bozen-Bolzano,**
Mehdi's research work focuses on tangible and interactive objects for the

Mykola Borzenkov is a first and corresponding author of more than 18 publications, 3 books, and co-inventor of 2 filed patents.

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scaffolding of positive social interactions based on conversations in primary school classrooms. During his PhD, he has worked with an interdisciplinary team of experts of child development, deafness, education and product design as well as with teachers and children in their classrooms. His research has been published in international venues and journals, like MTAP, ACM TEI, AVI, IS-EUD. He was among the finalists of the ASLERD student design competition, sponsored by Springer, and his paper was awarded the best student paper award at the ACM CHIItaly 2017 conference

- 8 **Sonia Saibene,**
Co-founder and CEO of ZeroS,
MIP – Politecnico di Milano, Graduate School of Business
Sonia is the CEO of ZeroS, a Milan-based tech company. ZeroS' web-platform enables citizens and logistics operators to optimize the collection and disposal process of electrical and electronic equipment, fostering the circular economy mindset in each of us. Since graduating with a MSc in Engineering in Transport and Logistics at Politecnico di Milano, Sonia has worked for ExxonMobil. Her out-of-the-box way of thinking and ability to manage complex projects have allowed her to enjoy frequent job rotations. Sonia is currently earning her MBA from MIP, where she fortunately met the co-founders of ZeroS: Giulia Madoglio, CIO, and Rocco Abbattista, CFO.
- 9 **Maurizio Stucchi, Mr,**
MIP – Politecnico di Milano, Graduate School of Business,
Maurizio was appointed in 2018 as Commercial Director at a manufacturing Company based in Milan where he is responsible for marketing and sales, business development, after-sales service and product management. Previously, he was an electrical engineer and a sales manager at a multinational Swiss-based firm. During his career, he developed a deep knowledge of the challenges that medium and large manufacturing Companies face every day. Maurizio holds a Masters Degree in Electrical

Engineering from the Polytechnic of Milan and attended the MIP-Graduate School of Business at the Milan Polytechnic, where he graduated with honours with an MBA.

- 10 **Elsa Tafesse,**
University of Milano-Bicocca,
Head Hunter with experience and passion in management of international and national projects for Corporation and SME.
- 11 **Chiara Zanchi, PhD,**
University of Pavia,
Chiara works as a postdoc researcher at University of Pavia, Department of Humanities, Section of Linguistics. She is interested in deepening our understanding of how and why languages change over time (historical linguistics), how the shape of world's languages is constrained by human cognition (linguistic typology), and how our language can contribute to building our experience and conceptual structure (cognitive linguistics). Chiara has a careful eye on social commitment: she also works on gender-biased language and linguistic manipulation. Apart from linguistics, Chiara's true loves include hiking, jazz music, and cats
- 12 **Francesca Zanotto, PhD,**
RE-sign società benefit srl,
Architect, in 2018 she obtained a PhD in Architectural, Urban and Interior Design at the Department of Architecture and Urban Studies of Politecnico di Milano, where she is adjunct professor of Architectural Design. Her research focuses on the spatial dimension of waste and on the implications of changing consumption patterns for architecture and design culture. She has been visiting researcher at TU Delft, studying the application of Circular Economy to the design of the built environment. In 2019 she co-founded the innovative start-up RE-sign, devoted to the matching of supply and demand for reused materials in the design and construction domain.

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