



BETTER
Universe

INTERNATIONAL CONFERENCE

June 14th, 2024

PORTO • PORTUGAL

Connecting researchers
from all over the world.

www.betteruniverse.net

WHO WE ARE

The Better Universe, is an group doing research, engineering and technology development. The Better Universe Group was created as a new organisation that is open, collaborative, cross-disciplinary and able to organize projects at a global scale, connecting researchers from all over the world, on what we call a sprint, focusing the best mind on major goals with radical impact on the quality of life of humanity. The Better Universe Group is focused in exploring innovative research and engineering, as well as developing high-risk, high-pay-off technologies.

The Better Universe Group seeks to stimulate worldwide cross-disciplinary collaboration, which it achieves by having people with diverse interests wrapping their brilliant minds around major challenges. The scientific, engineering and technological efforts are complemented by the connection with worldwide industry leaders, each of whom bring years of prior experience in industry and product development. These members connect directly with the research and engineering efforts and help them focus on applications, intellectual property generation, and commercialisation using approaches more commonly found in a start-up environment. Their expertise in developing timelines and meeting milestones is enabling the group researchers to innovate and meet program goals at a pace and focus rarely seen. The group then connects team members with experienced leaders in business development. In this manner, the group harnesses the creative freedom and flexibility of academia while maintaining a focus on translating its discoveries into technologies that can have a positive long-term impact in the world.

The Better Universe Group was founded based on the belief that current scientific knowledge has enough information to leverage and develop new engineering innovations to solve some of the world's most difficult problems. The group's founders envisioned a research, engineering, and technology organisation that combined fundamental research down to the nanoscale, with extremely interdisciplinary thinking, as well as out-of-the-box ideas and a major focus on translation into commercial applications, turning ideas into useful new products, technologies, and approaches.

Our group is an organisation that convenes passionate, action-oriented leaders from around the world and supports them to use new technologies to shift humanity from an era of scarcity to an era of abundance. Today, powerful technologies are becoming ubiquitous: nanotechnology, robotics, computing, artificial intelligence, synthetic biology, 3D printing, genetics, biotechnology, AR/VR, self-driving cars, space-technologies, and many others, are becoming ubiquitous and the implications and potential impact of these technologies across a wide range of disciplines and industries is very powerful. Our group is a call for action: let's use technology to create a better world for everyone.

As we look to the horizon, we see a future of important challenges and inspiring opportunities. Humanity will expand to Mars and beyond, very soon, and we have the opportunity to build not just a better world but a better universe. We are seriously committed to the ethical implications of science, engineering and technological developments, and we have a strong ethical team constantly overseeing, teaching and supporting everyone involved with our group.

ENVISION HUMANITY

GATHERING THE GREATEST MINDS

Each year, Envision Masters gathers leading philanthropists, CEOs, government officials, thought-leaders, journalists, scientists, innovators, and storytellers to tackle the world's Grand Challenges. Together with our sponsors, we nurture passionate social entrepreneurs who believe our model of incentive competition could lead to breakthroughs that propel us forward. Our members are a group of brave geniuses who support our mission.

Envision Humanity members are the largest contributors to envision the future. Fuelling the capacity to solve problems helping create and nurture companies and prize competitions for enhance educational outreach. Envision Humanity members input is vital to our long-term focus and success. Our Envision Humanity members are our Innovation advisors. A group of actively engaged people focused on strategic topics such as defining our areas of focus. The Envision Humanity group also works closely with our company Board to identify strategic partners and opportunities. Envision Humanity members are also a group of investors who provide the seed capital used to design, fund and launch companies and competitions as well as support the ongoing mission. Becoming a member allows you to also participate with your ideas, passion and connections. Envision Humanity members are the largest contributors to envision the future. Fuelling the capacity to solve problems helping create and nurture companies and prize competitions for enhance educational outreach. Envision Humanity members input is vital to our long-term focus and success. Our Envision Humanity members are our Innovation advisors. A group of actively engaged people focused on strategic topics such as defining our areas of focus. The Envision Humanity group also works closely with our company Board to identify strategic partners and opportunities. Envision Humanity members are



also a group of investors who provide the seed capital used to design, fund and launch companies and competitions as well as support the ongoing mission. Becoming a member allows you to also participate with your ideas, passion and connections.

Envision Humanity members underwrite the design and planning of future companies and competitions. With our supporters, we help define the next companies or prizes that can best solve the technological, market, behavioural, and policy failures that are preventing breakthroughs in a certain area. We identify the competition structure that will attract global teams. We define the marketing and educational extensions that will bring about the greatest awareness and engagement from the general public. Lastly, we develop the metrics for assessing the impact of a company or prize so that we can measure how the company or prize has created or catalysed new industries aimed to solve a specific problem.

Envision Humanity members support active companies and prize competitions. The funds are used to launch, operate and award the prizes and companies. The prize is only awarded once a team, or company, achieves a measurable, objective goal.

WE WILL ASK THE BIG QUESTIONS

What are the biggest problems we face that are not being solved? Why aren't business, philanthropy or government getting the job done? Who is out there who could solve this problem, but isn't being asked? These are the questions we ask at Envision Humanity group as we convene the world's foremost thinkers to help us design the next great worldprizes.

WORLDWIDE MAP



NORTH AMERICA
USA • CANADA

SOUTH AMERICA
BRAZIL • MEXICO
ARGENTINA

EUROPE
FRANCE • GERMANY
ENGLAND • ITALY
PORTUGAL • SPAIN
GREECE

ASIA
INDIA • CHINA • RUSSIA

AFRICA
ANGOLA
MARROCOS

OCEANIA
AUSTRALIA
NEW ZEALAND



PROGRAM OVERVIEW

PROGRAM OVERVIEW

MORNING - EST TIME

▶ 09:00AM - REGISTRATION



▶ 09:30AM - TALK

JAMES HUGHES, PH.D.

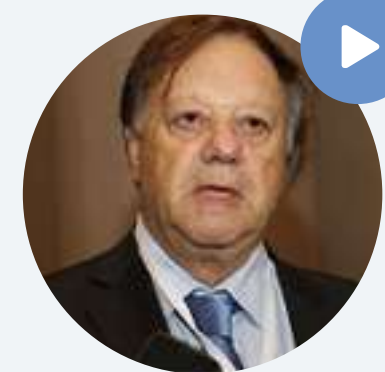
Executive Director of the Institute for Ethics and Emerging Technologies.



▶ 10:00AM - TALK

DAN LEVITT

Dan Levitt is an acclaimed international speaker, elder care leader, writer, and gerontologist.



▶ 10:30AM - TALK

GIORGIO GAVIRAGHI

Founder and CEO of EDL.



▶ 11:00AM - TALK

STUART MAUDSLEY

Head of the Receptor Biology Lab at the University of Antwerp



▶ 11:30AM - DEBATE PANEL



**WILLIAM FALOON | NUNO MARTINS, PH.D.
ANNA LUISA SCHAFFGO**



▶ 12:30PM - LUNCH TIME



PROGRAM OVERVIEW

AFTERNOON - EST TIME



02:30PM - TALK

WILLIAM FALOON

Co-Founder Life Extension Buyers Club, Inc. and Society for Rescue of Our Elders (RescueElders.org).



DAN LEVITT

STEVEN GARAN PH.D.

Dan Levitt is an acclaimed international speaker, elder care leader, writer, and gerontologist.



04:30PM - DEBATE PANEL



**DAN LEVITT, MSC. | RACHEL KIDDELL-MONROE
GIORGIO GAVIRAGHI | JAMES HUGHES, PH.D.**



05:30PM - CLOSING REMARKS



05:45PM - END OF CONFERENCE



03:00PM - TALK

NUNO MARTINS, PH.D.

Polymath, researcher, entrepreneur, and a healthy life extension advocate.



03:30PM - TALK

ANNA LUISA SCHAFFGO

Founder, Owner and Executive Director of Impli Limited



SPEAKERS

JAMES HUGHES, PH.D.

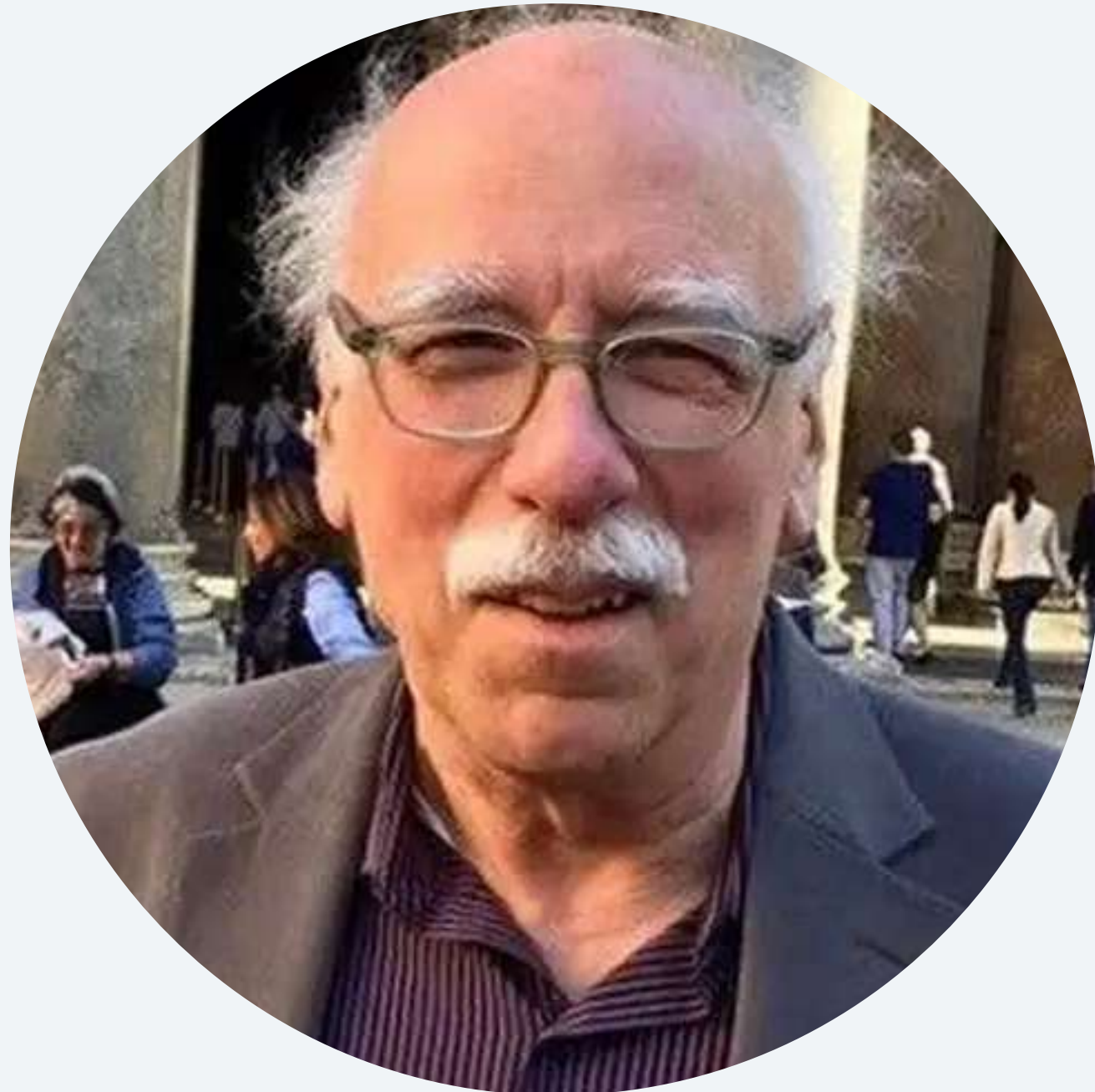
EXECUTIVE DIRECTOR OF THE INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

James Hughes Ph.D., the Executive Director of the Institute for Ethics and Emerging Technologies, is a bioethicist and sociologist who serves as the Associate Provost for Institutional Research, Assessment and Planning for the University of Massachusetts Boston. He holds a doctorate in sociology from the University of Chicago, where he also taught bioethics at the MacLean Center for Clinical Medical Ethics. Dr. Hughes is author of *Citizen Cyborg: Why Democratic Societies Must Respond to the Redesigned Human of the Future*, and is working on a second book tentatively titled *Cyborg Buddha*. From 1999-2011 he produced the syndicated weekly radio program, *Changesurfer Radio*.

Dr. Hughes is a Fellow of the World Academy of Arts and Sciences, and a member of Humanity+, the Neuroethics Society, the American Society of Bioethics and Humanities and the Working Group on Ethics and Technology at Yale University. He serves on the State of Connecticut Regenerative Medicine Research Advisory Committee (formerly known as the Stem Cell Research Advisory Board).

Dr. Hughes speaks on medical ethics, health care policy and future studies worldwide.





GUY MICCO MD

CO-DIRECTOR OF THE PROGRAM FOR MEDICAL HUMANITIES AT THE UNIVERSITY OF CALIFORNIA, BERKELEY.

Guy Micco is a co-director of the Program for Medical Humanities at the University of California, Berkeley, and clinical professor, emeritus, at the Joint Medical Program of UC Berkeley and the University of California, San Francisco, School of Medicine.

Guy Micco is a physician who has combined teaching as a clinical professor, now emeritus, at UC Berkeley, with a

part-time medical practice in internal medicine and hospice and palliative care. His interests include suffering, aging, and death; the interface of medicine and the humanities; and medical ethics. He is co-Director of the UC Berkeley Program for the Medical Humanities and former Director of the UC Berkeley Resource Center on Aging. For many years, while practicing primary care internal medicine in Berkeley, he was an ethics committee chair at Alta Bates-Summit Medical Center.

GIORGIO GAVIRAGHI

FOUNDER AND CEO OF EDL

Giorgio Gaviraghi received his Architectural degree from the Milan Polytechnic. He has since taken part in a number of graduate courses in management, marketing and design in several major universities.

At first as Project Architect, later as Project Manager, where he was responsible to deal with international projects for the Austin Co. an international design and construction company, he has built a distinguishable career across the globe. He has acted as CEO for international companies operating in Europe, the US, Latin America and the Middle East in the field of design and construction, aerospace facilities, real estate and touristic resorts development.

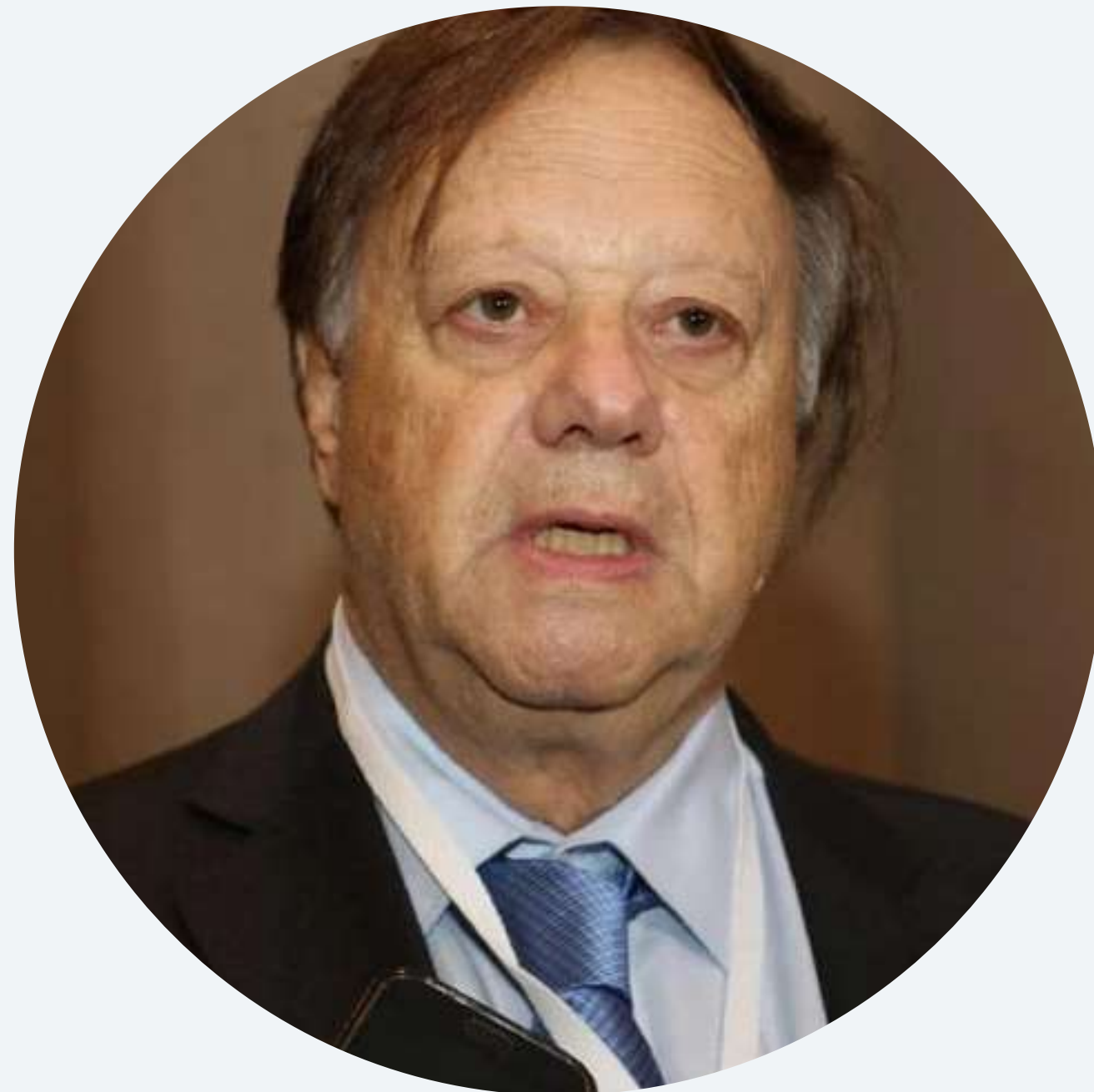
In several capacities he was responsible for major initiatives, some worth over 5\$US, such as the design and project management for the reconstruction of thousands of buildings damaged by the Friuli earthquake, an aerospace facility for commercial aircraft final assembly for Aeritalia – Boeing, an aircraft overhauling facility for HAI in Greece, advanced testing facilities for SDI initiative in the US, high rises buildings in New York, several touristic resorts in Sardinia and the Red Sea region.

An achiever of international competitions in innovative products and systems for industrial design. Giorgio has specialized in space architecture for advanced projects and proposals for major space agencies. Winning as tutor for college and high school students over 18 prizes in international space settlements and space related projects.

Partner of the MAAT project consortium for revolutionary airship-based air transportation system sponsored by the EU. Founder of the Star Voyager organization for the advancement of space development and interstellar travel.

Founder and CEO of edl (exponential design lab) in Latin America specialized in advanced and global projects. Author of over 80 papers ranging from space, transportation, city planning, design and other topics, including authoring articles and books, the latter Global Challenges by Lambert Pub.

Delivered several courses at universities in Europe and Latin America. Actually professor at UFMT in Brazil, teaching Exponential Creativity a disruptive post graduate course.



STUART MAUDSLEY, PH.D.

HEAD OF THE RECEPTOR BIOLOGY LAB AT THE UNIVERSITY OF ANTWERP.

Malak Trabelsi Loeb is an entrepreneur, a Futurist, a strategist and a Senior Legal Consultant specialized in International Business Law and International Space Law, Adjudicator, and International Commercial Arbitrator. Mrs. Loeb is a Lecturer in International Relations and Diplomacy, a multidisciplinary academic researcher, a writer and public speaker, and a Ph.D. Candidate in International Space Law.

Mrs. Loeb is advocating for Sustainable Space For Humanity addressing the complex Space socioeconomic and environmental interrelated dimensions. "Sustainable Space For Humanity" advocacy aims to keep the peaceful use of

outer space while ensuring socioeconomic development for the present and future generations without deteriorating the outer space environment.

In the course of her professional journey, Mrs. Loeb has been advocating for employees' rights. She is a human rights activist and strives to combat human trafficking and gender inequality. Mrs. Loeb has received the title of Champion of Tolerance from the UAE Ministry of Tolerance in 2018. She strives to empower women, avail opportunities to youth from around the world, and raises awareness to achieve the United Nations Sustainable Development Goals.



NUNO MARTINS, PH.D.

POLYMATH, RESEARCHER, ENTREPRENEUR, AND A HEALTHY LIFE EXTENSION ADVOCATE.

Nuno is a polymath, a researcher, an entrepreneur, and a life and health extension advocate. As a polymath, he usually likes to make use of different subject areas, drawing ideas and concepts from different bodies of knowledge to solve specific problems.

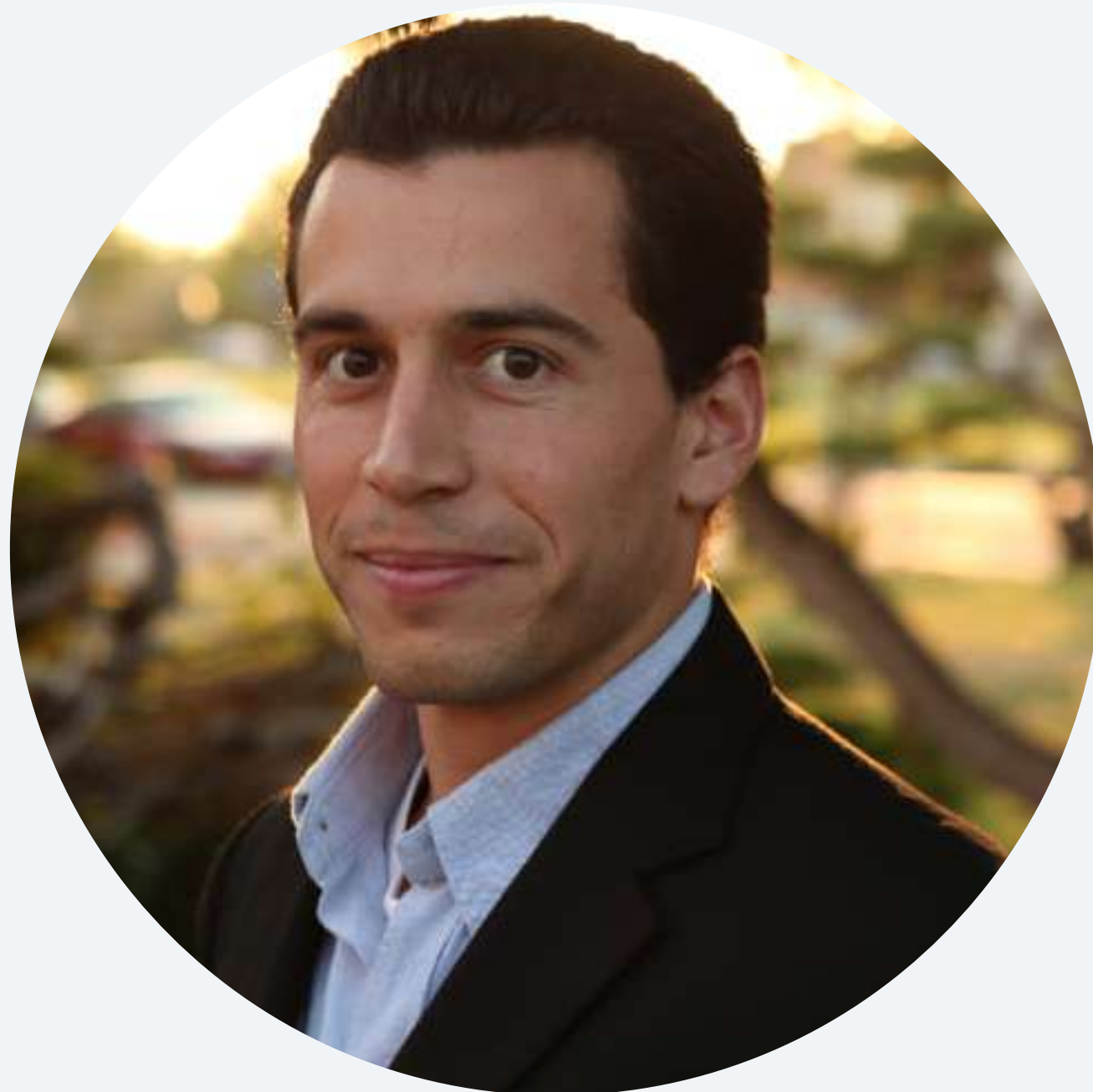
As an illustrative example, his published papers involve several fields of research, for example: quantitative neuroscience, computer science, nanotechnology, robotics, and others. Several previous education experiences have supported and nurtured his polymath approach to problems. As a researcher, he is interested in any scientific, engineering, or technological development with potential applications or consequences for healthy life extension. Along these lines, he is currently focused on developing technologies for human healthy life extension.

In business, he created his own company to fund his education. Along the way, several academic awards and grants contributed to his necessary funding strategy. The growth of his original company permitted him to create a business group embracing a set of different companies that operate in a large spectrum of business sectors, including:

business consulting, education, information technologies, healthcare services, online sales, and several others.

On life extension related topics, early in his life, motivated to take control of his own health he decided to make several courses related to health-care, body training and nutrition. Thus, he completed several courses related to life and health care, for example, he is a swimming teacher, a professional tennis teacher, a body-building and aero-fitness teacher, a power-lifting professor, and he completed also several courses in nutrition and sleep optimization.

As public speaker Nuno participates in conferences and meeting providing high quality professional presentations in his style. One of Nuno's public appearances was on a groundbreaking large conference (attended by approximately one thousand attendees), where Nuno presented along with amazing celebrities, such as: the visionary billionaire Peter Nygard, the always inspiring Suzanne Somers, and the famous futurist Ray Kurzweil, among many other celebrities... Nuno makes easy the understanding of technical challenging subjects, making accessible to the general audience the most difficult problems.





ANNA LUISA SCHAFFGOTSCH

FOUNDER, OWNER AND EXECUTIVE DIRECTOR OF IMPLI LIMITED.

Anna Luisa Schaffgotsch attained an MSc from Imperial College in Biotechnology with a particular focus on Synthetic Biology as well as Biophysics. Anna Luisa subsequently gained extensive commercial experience in the life sciences sector. During her career she was responsible for major portfolios for a chemical trader in London, developed the commercial strategy of a Bioinformatics start up in Germany and was responsible for successfully scaling the European business of an American pharma supply chain company. Her passion for technology within the life sciences industry is reflected by her professional experience, her extensive

network in this sector and above all by her decision to build a business to advance and commercialise implantable technologies. Anna Luisa incorporated Impli Limited in April 2019 with the vision to make people's lives safer and simpler with implantable technologies. Impli launched its first product in January 2020 with a personal implantable that initially allows its wearer to store medical information onto a user-friendly platform. Anna Luisa and her team at Impli are currently developing further products linking identity and internal biomarkers to enhance precision medicine and preventative healthcare.

RACHEL KIDDELL-MONROE

LAWYER AND HEALTH ACTIVIST. BOARD DIRECTOR OF MÉDECINS SANS FRONTIÈRES, A PROFESSOR OF PRACTICE AT MCGILL UNIVERSITY AND EXECUTIVE DIRECTOR OF SEECHANGE INITIATIVE.

" I alone cannot change the world, but I can cast a stone across the water to create many ripples."
Mother Teresa

Rachel Kiddell-Monroe is a lawyer and a health activist. Over the past 25 years, Rachel has headed emergency humanitarian assistance programmes with MSF in Africa, Asia and Latin America. She continues to serve on the Board of Directors of Médecins Sans Frontières and is a Professor of Practice in international development at McGill University. Rachel is also the founding President of Universities Allied for Essential Medicines (UAEM), a global student driven organisation working on equitable access to medicines for all.

In 2018, Rachel founded SeeChange initiative which focuses on developing and supporting radical CommunityFirst approaches to address health crises. Her first project is empowering Inuit communities in Nunavut to respond effectively to the long term tuberculosis epidemic. Most recently, Rachel has developed an innovative online tool to support vulnerable and isolated communities globally to organise, prepare and respond to COVID-19.

Rachel enjoys connecting people and speaks widely throughout North America and Europe on humanitarian action, global health, and access to medicines.



DAN LEVITT, MSC.

DAN LEVITT IS AN ACCLAIMED INTERNATIONAL SPEAKER, ELDER CARE LEADER, WRITER, AND GERONTOLOGIST.

Specializing in helping others to create better lives for seniors. Dan's purpose is to teach millions of people how to transform the lives of older adults across the globe. As a popular professional speaker, he has delivered inspiring keynote speeches impacting thousands of people on four continents. Dan doesn't tell people where to go but guides them in the direction of where they need to go. His talks leave the audience with a new mindset on aging needed to thrive in the 21st century.

Elder Care Leader

Dan Levitt shepherds the enhancement of social, spiritual and care needs for more than 300 seniors, inspiring a team of over 400 employees and volunteers with a commitment to

continuously improving the quality of life. Dan is an Adjunct Professor in Gerontology at Simon Fraser University, an Adjunct Professor, School of Nursing, University of British Columbia teaching Long Term Care Leadership, a Sessional Instructor at the British Columbia Institute for Technology, and past Board Member of Common Age.

Adventurer

Dan's adventure exploits have taken him from Africa's highest peak Mt. Kilimanjaro to the Caribbean Sea's coral reefs, from canoeing across the Yukon to racing in the World Marathon Majors in Tokyo, London, Boston, Berlin, Chicago, and New York.



TICKET OPTIONS

2460€

Premium

- Full access to all talks ✓
- Full access to all panels of debate ✓
- Full access to Expo Area ✓
- 3 nights of accommodation ✓
- 3 breakfasts ✓
- Access to the 2 networking lunches with speakers ✓
- PREMIUM seating ✓
- One VIP Gift Ticket for friends ✓

Buy Now >

745€

Essencial

- Full access to all talks ✓
- Full access to all panels of debate ✓
- Full access to Expo Area ✓

Buy Now >

1230€

Vip

- Full access to all talks ✓
- Full access to all panels of debate ✓
- Full access to Expo Area ✓
- VIP** seating ✓
- 3 breakfasts ✓
- Access to Event Platform Premium section ✓

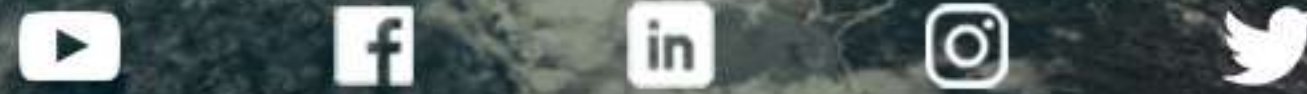
Buy Now >

2460€

Premium

- Full access to all talks ✓
- Full access to all panels of debate ✓
- Full access to Expo Area ✓
- PREMIUM** seating ✓
- Access to Event Platform Premium section ✓
- Pen Drive (with Full-Event Recording with all talks and panels) ✓
- Networking with speakers** (including lunch with speakers and private introduction) ✓

Buy Now >



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