



# WORLDPRIZES

CONFERENCE | 2020

JULY 25TH | PORTUGAL

## WE WORK TO CHANGE THE WORLD

Worldprizes is an innovation ecosystem, that aims to make the world a better place.



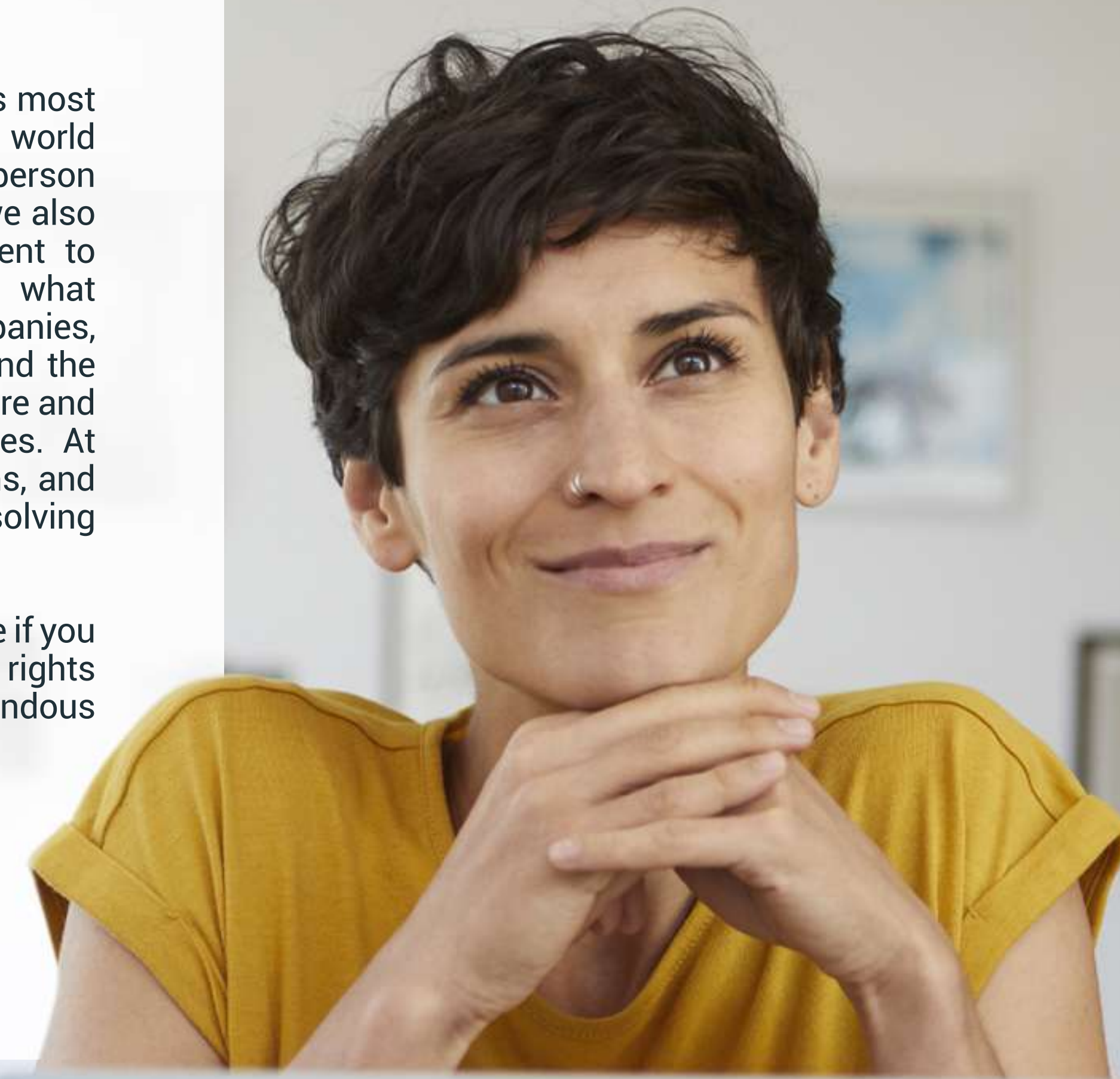
# WHO WE ARE

We believe in the power of competition and we believe in humanity. We firmly believe that the large majority of people are good in nature and wish a better future for themselves, their families, and everyone else. Society sometimes curves peoples behaviours, who in face of group behaviours tend to follow the norm. We firmly believe that if you incentivise people to do good, great things happen. That's why we brought to you World Prizes.

We also believe that humanity needs a company that helps identify the major problems and its priority, clearly identifying and focusing humanities resources on the right direction. We aim to focus humanity on solving the world's most pressing issues. We believe that money, the right combination of people and expertise, and the right timing, permits finding solutions for the worlds most difficult problems. We also believe that challenges must be achievable and measurable within reasonable time-frames. This is one of our priorities, to follow technology and to identify and select challenges which are solvable in a reasonable time-frame. We believe that one should "measure what you can be measured, and make measurable everything else".

We also firmly believe that solutions for the world's most difficult problems can come from anywhere in the world and from anyone in the world. We believe that each person has tremendous potential to solve problems, but we also believe that everyone needs the right environment to nurture its creativity and devotion. This is also what WorldPrizes provides, together with it's parter companies, organisations and governments, to everyone around the globe. The greatest minds of our time are everywhere and are ready to be engaged in audacious challenges. At worldprizes we are constantly seeking for solutions, and we work to create the right ecosystem capable of solving the world's most difficult problems.

At Worldprizes we believe that everything is possible if you have the right mindset, the right ecosystem, the rights connections, the rights timing, and a tremendous persistence and dedication...





# 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 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





# PROGRAM OVERVIEW

## MORNING

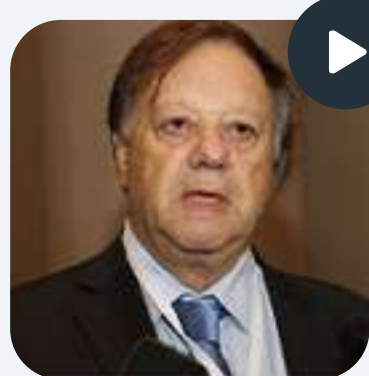
▶ 09:00 - REGISTRATION



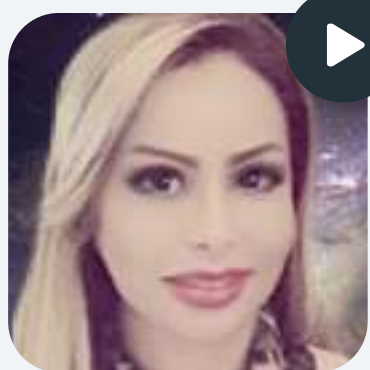
▶ 09:30 - TALK  
**JAMES HUGHES, PH.D.**  
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▶ 10:00 - TALK  
**STEVEN A. GARAN PH.D.**  
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▶ 10:30 - TALK  
**GIORGIO GAVIRAGHI**  
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▶ 11:00 - TALK  
**MALAK TRABELSI LOEB**  
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11:30 - DEBATE PANEL



**WILLIAM FALOON | NUNO MARTINS, PH.D.**  
**ANNA LUISA SCHAFFGO | MOGENS LIKKETOFT**  
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12:30 - LUNCH TIME





# PROGRAM OVERVIEW

## AFTERNOON



▶ 14:30 - TALK

**RACHEL KIDDELL-MONROE**

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▶ 15:00 - TALK

**DAN LEVITT**

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▶ 15:30 - TALK

**WILLIAM FALOON**

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▶ 16:00 - TALK

**NUNO MARTINS, PH.D.**

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▶ 16:30 - DEBATE PANEL



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

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▶ 17:30 - CLOSING REMARKS



▶ 17:45 - END OF CONFERENCE





# 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.

Bioethicist and sociologist  
who serves as the Associate  
Provost for Institutional  
Research,







Steven A. Garan is the Director of Bioinformatics at CREA and serves on it's Advisory Board, he is also a researcher at the Lawrence Berkeley National Laboratory.

## STEVEN GARAN PH.D.

### DIRECTOR OF BIOINFORMATICS AT CREA AND SERVES ON IT'S ADVISORY BOARD

Steven A. Garan is the Director of Bioinformatics at CREA and serves on it's Advisory Board, he is also a researcher at the Lawrence Berkeley National Laboratory. While at the University of California, Berkeley, he played a major role in the invention and the development of the Automated Imaging Microscope System (AIMS). While at UC Berkeley, Garan collaborated for many years with a group from Paola S. Timiras's lab, on the role that caloric restriction plays in maintaining estrogen receptor-alpha and IGH-1 receptor immunoreactivity in various nuclei of the mouse hypothalamus. Garan was also the director of the Aging Research Centre, and is a leading scientist in the field of aging research. His numerous publications, include articles on systems biology, the effects of caloric restriction on the mouse hypothalamus and on the Automated Imaging Microscope System (AIMS). He is best known for the coining of word "Phenomics", which was defined in an abstract titled: "Phenomics: a new direction for the study of neuroendocrine aging", that was published in the journal Experimental Gerontology.

Steven A. Garan, was the lead scientists that developed the AIMS system along with Warren Freitag, Jason Neudorf and members of the UC Berkeley lab where AIMS was

developed and utilized. Many journals articles have been published about the system and the results that it produced. Since the completion of the first version in 1998, newer versions were developed, with the final version being completed in 2007. Empowering investigators to accurately count specific cell populations is essential to all fields of neurobiology. While computer assisted counting technology has been in use for over a decade, advances in an Automated Imaging Microscope System (AIMS), now insure 97% accuracy when comparing computer counts to human counts for both nuclear and cytoplasmic stained tissue. More importantly, regional analysis can now be customized so that only cell populations within specified anatomic regions will be targeted for counting, thus reducing the background noise of non-immunoreactive cells when characterizing specific cell populations. This application was recently used to successfully map the density and distribution of both nuclear expressed estrogen receptor-alpha and cytoplasmicly expressed IGF-1 receptor in specific hypothalamic nuclei. Furthermore, AIMS can now detect intra-hypothalamic differences in receptor expression and measure phenomenon such as lateralization.





# GIORGIO GAVIRAGHI

**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.”

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.

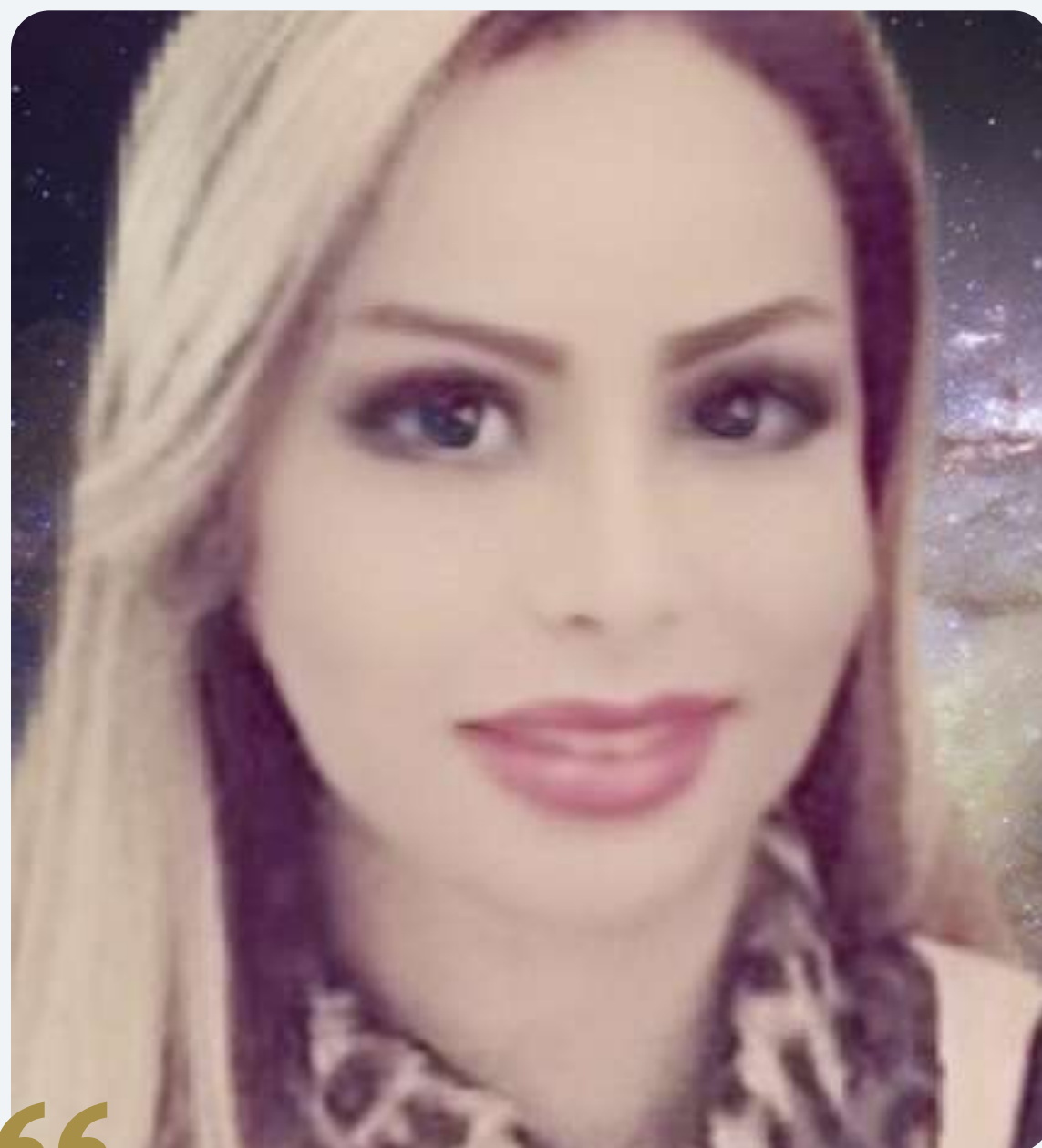
Partner of the MAAT project consortium for revolutionary airship-based air transportation system sponsored by the EU. Founder of the Star Voyager organization for the advancement of space development and interstellar travel.

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.







“As well as an Adjudicator in the International Court for Dispute Resolution, International Commercial Arbitrator at the International Arbitration Organization.”

## MALAK TRABELSI LOEB

**MALAK TRABELSI LOEB IS A SENIOR LEGAL CONSULTANT SPECIALIZED IN INTERNATIONAL BUSINESS LAW AND INTERNATIONAL SPACE LAW**

Malak Trabelsi Loeb is a Senior Legal Consultant specialized in International Business Law and International Space Law, as well as an Adjudicator in the International Court for Dispute Resolution, International Commercial Arbitrator at the International Arbitration Organization.

Her practice focuses on complex International Business transactions, Due Diligence, International contracts, Commercial legal matters, Alternative Dispute Resolution, Corporate Governance, Company Law, Space Insurance, New Space Legal Challenges and Space policies.

Mrs. Loeb is advocating for Sustainable Space For Humanity addressing the complex outer space socioeconomic and environmental outer space interrelated dimensions. Sustainable Space For humanity advocacy aims to keep the peaceful use of outer space while achieving the economic and social development for the present and future generations without deteriorating the outer space environment.

Mrs. Loeb is a Lecturer in International Relations and Diplomacy, Academic Legal Researcher in International Space Law and a PhD Candidate addressing interdisciplinary research on International Space Law and Sustainable Development.

Her writings are addressing various areas in the space fields that are interconnected, such as Space Economy, Space Environment and their Social Impact.

Mrs. Loeb obtained, with honor, her bachelor's degree with dual majors in Law and Economics from the University of Al Jazeera, UAE. She then earned her first master's in public international and European Law in 2018 and the second master's in international business law from Paris Sorbonne University, Abu Dhabi/ Paris Descartes University, France, with excellent achievements and top of the batch GPAs.

In the course of her professional journey, Mrs. Loeb has been advocating for employees right' and assist them to settle their conflicts with their employers. She is a human rights activist and strives to fight against human trafficking. Mrs. Loeb has received the title of Champion of Tolerance from the UAE Ministry of Tolerance in 2018. She endeavors to empower woman and raises awareness to achieve the United Nations Sustainable Development Goals.





## NUNO MARTINS, PH.D.

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



“Healthy life extension should be the priority for everyone”



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 a 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 aerofitness 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 SCHAFFGO

## FOUNDER, OWNER AND EXECUTIVE DIRECTOR OF IMPLI LIMITED



“Attained an MSc from Imperial College in Biotechnology with a particular focus on Synthetic Biology as well as”

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.

### Education

- 2012 – 2013 MSc in Biotechnology and Applied Biosciences, Imperial College London, UK

- 2009 – 2012 BSc in Nutrition and Food Sciences, Nottingham University, UK
- 2008 – 2009 Certificate pre-medical course, Cologne ? ,Germany
- 2006 – 2008 IB Diploma, International Baccalaureate, Marymount International School London, UK

### Employment History

- 04/2019 – Present Impli Limited, London, UK, Founder, Owner and Executive Director
- 01/2019 – Present Medical iSight, London, UK, Strategic Consultant, Director Sales
- 11/2016 – 03/2019 TraceLink Inc, London, UK, Account Executive DACH
- 08/2015 – 11/2016 Computomics, Tübingen, Germany, Business Development Director
- 03/2014 – 08/2015 Fuerst Day Lawson, London, UK, Key Account Manager
- 10/2013 – 05/2015 Imperial Smarties, Imperial College London, UK, Crowd Sourced Consultant
- 06/2011 – 10/2013 HiPP GmbH & Co. Vertrieb KG, Pfaffenhofen, Germany, Internship
- 09/2010 – 04/2011 BlakPearl Ltd., Nottingham, UK Internship





# MOGENS LYKKETOFT

## FORMER MINISTER, SPEAKER OF THE DANISH PARLIAMENT, AND PRESIDENT OF UN GENERAL ASSEMBLY



For decades in the vanguard of Danish politics.



For decades in the vanguard of Danish politics. Member of Parliament for the Social Democratic Party since 1981. Served in the 1960ies as leader of the Social Democratic Students. Graduated in economics at the University of Copenhagen in 1971.

In the 1970'ies head of the Economic Council of the Danish Labour Movement, an economic think tank established by the Danish Confederation of Trade Unions and the Social Democratic Party.

Served as Minister for taxation 1981-1982. Served 1982-1993 with Social Democratic Party in opposition as chair of several Parliament Committees and as the key negotiator on economic policy with the centre-right government at the time. 1993-2000 Minister for Finance, the longest serving in a century, and chief architect for economic reform that reduced unemployment from 12 to 4 percent and brought surplus of budget and foreign account. Minister for Foreign Affairs 2000-2001. Opposition Party Leader 2002-2005, and Foreign policy spokesperson 2005-2011. Speaker (president) of Parliament 2011-2015. President of the 70th session of the UN General Assembly 2015-2016 – presiding over the approval of the 17 Sustainable Development Goals and the

Paris Climate Agreement, and introducing the new process of public hearing in the GA of candidates for Secretary-General.

Has written numerous books and articles about political ideas, economy and foreign affairs.

'The Danish Model' 2009 is about the successful development of Danish welfare and 'flexicurity'.

Books in Danish together with Mette Holm on China and Myanmar as well as 'Serving the World' 2017 (e-book and print on demand at Amazon) about the experience in the UN as President.

Had a weekly TV-programme on international affairs together with former Liberal foreign minister Uffe Ellemann from 2010-2016 on national Danish TV2News. Now in the same cooperation a monthly TV-program at DK4.

Honours:

Awarded by Chile for support against the Pinochet dictatorship and Officer of the French Legion of Honour for the work as UN-president







## RACHEL KIDDELL-MONROE

**INTERNATIONAL BOARD MEMBER, MÉDECINS SANS FRONTIÈRES/DOCTORS WITHOUT BORDERS**

Rachel Kiddell-Monroe is a member of the international board of directors for Médecins Sans Frontières/Doctors Without Borders (MSF). She lives in Montreal and has worked with MSF in Djibouti, Rwanda and the Democratic Republic of Congo. Rachel has also served as the Canadian director of MSF's Access to Medicines Campaign and is currently president of the board of directors for Universities Allied for Essential Medicines.







“Specializing in helping others to create better lives for seniors.”

## 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





# TICKET OPTIONS

745€

Essencial

- Full access to all talks ✓
- Full access to all panels of debate ✓
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- One VIP Gift Ticket for friends ✓

Buy Now >







# WORLDPRIZES

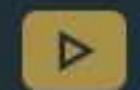
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