

An astronaut in a white spacesuit is floating in space, with the Earth's horizon and atmosphere visible in the background. The astronaut is wearing a helmet with a clear visor and has various equipment attached to their suit.

SPACE

MASTERY

INTERNATIONAL CONFERENCE

SEPTEMBER  
12TH - 2021

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PORTO  
PORTUGAL



# DEAR READER

Our community is growing and becoming more vibrant every single day. With Space Mastery the main goal is to reach everyone around the world.

At Space Mastery you find a global group of like-minded people, and future partners, with new perspectives and an unshakeable hope to improve our current standards. Your collaboration and participation in our events is a key part of our strategy. Together we believe we will have a global impact.

This year's event is reaching people from several countries worldwide. We would like to thank you, and let you know that we consider you as part of the Space Mastery' community. We are beyond grateful for your support, and we hope we can have you even more involved with our group. We have so much to achieve together.

Thank you,

*Space Mastery' team*

# OUR VISION

Space Mastery provides people around the world the opportunity to hear the most remarkable leaders in the field. Our purpose is to empower everyone to join our efforts, and to provide everyone with the opportunity to learn from the top leaders in the field.

It is our mission not only to educate everyone, but also to serve as a platform where everyone can have an active role on making the future a reality.

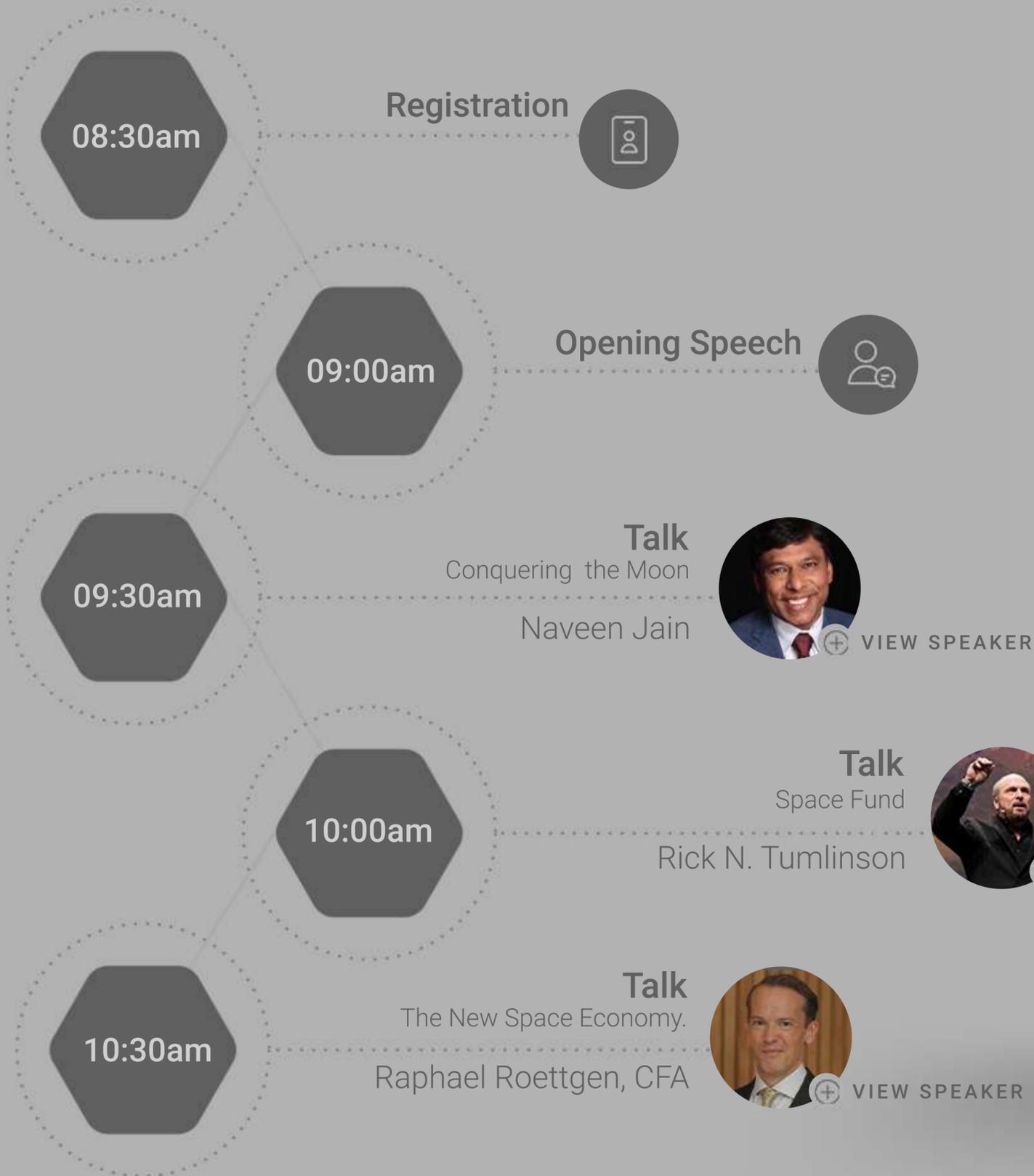
It is our goals to inspire and empower each participant to become an active agent. We believe that everyone around the world will be able to have a contribution for our common goals.

Regardless of where each participant lives, we are bringing everyone online, giving everyone the opportunity to participate in changing the current status quo, and giving everyone the opportunity to join this global effort, affordably, easily, and comfortably.

Our mission is to empower everyone to join our goals, by educating, and providing the proper tools for action, as well as by providing orientation and mentorship from the best in the world. We believe we make the world a better place... together...

PROGRAM

OVERVIEW



SpaceX Dragon Spacecraft

Developed by  
Space Exploration  
Technologies Corp.

11:00am

**Talk**  
USS plans to build out the solar system

William Kemp



[VIEW SPEAKER](#)

11:30am

**Talk**  
Medical Treatments in Space  
Dr. Shawna Pandya



[VIEW SPEAKER](#)

12:00pm

**Talk**  
From Spain to Mars in one week  
José Luis Cordeiro



[VIEW SPEAKER](#)

12:30pm

**Panel**



- Shawna Pandya
- Massimiliano Vasile
- José Luis Cordeiro
- Rick N. Tumlinson

01:30pm

**Lunch and Networking**



**SpaceX Spacesuit**  
Developed by  
Space Exploration  
Technologies Corp.

# PROGRAM

[AFTERNOON]

EST time



## SpaceX Starship

Developed by  
Space Exploration  
Technologies Corp.

SPACEX



VIEW SPEAKER 

### Talk

Next Century in Space

Giorgio Gaviraghi

02:00pm



VIEW SPEAKER 

### Talk

Space Forces

Christopher Altman

02:30pm



VIEW SPEAKER 

### Talk

Commercial Lunar Exploration

Andrea Jaime Albalat

03:00pm



VIEW SPEAKER 

### Talk

Star-dust: from tiny pieces of debris around the Earth to asteroids in the solar system

Massimiliano Vasile

03:30pm



VIEW SPEAKER 

### Talk

Apollo 11 monument

Steven C. Barber

04:00pm

# PROGRAM

[AFTERNOON]

EST time



[VIEW SPEAKER](#) 

## Talk

Future of Space

Steven A. Garan, Ph.D.

04:30pm



## SpaceX Big Falcon Rocket

Developed by  
Space Exploration  
Technologies Corp.

- William Kemp
- Steven A. Garan
- Giorgio Gaviraghi
- Christopher Altman
- Andrea Jaime Albalat
- Steven C. Barber



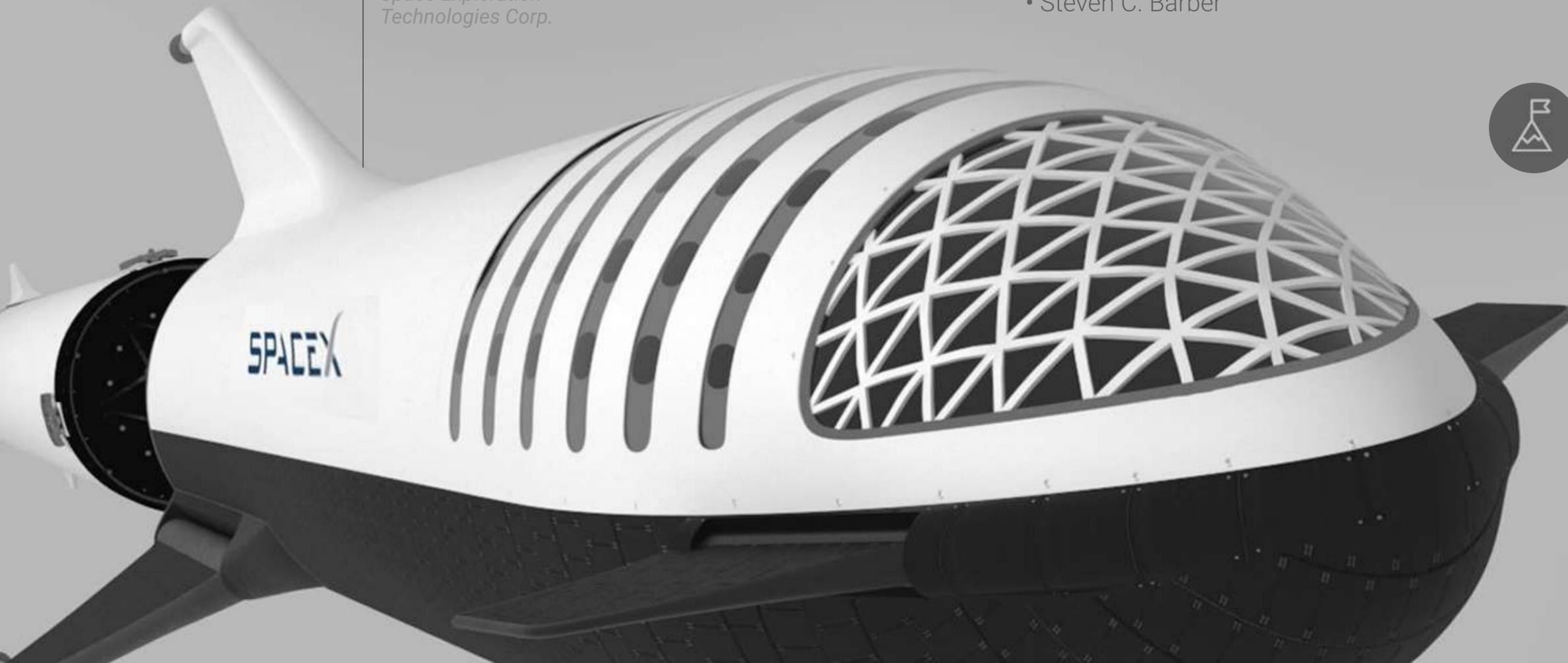
## Panel

05:00pm



## Closing Remarks

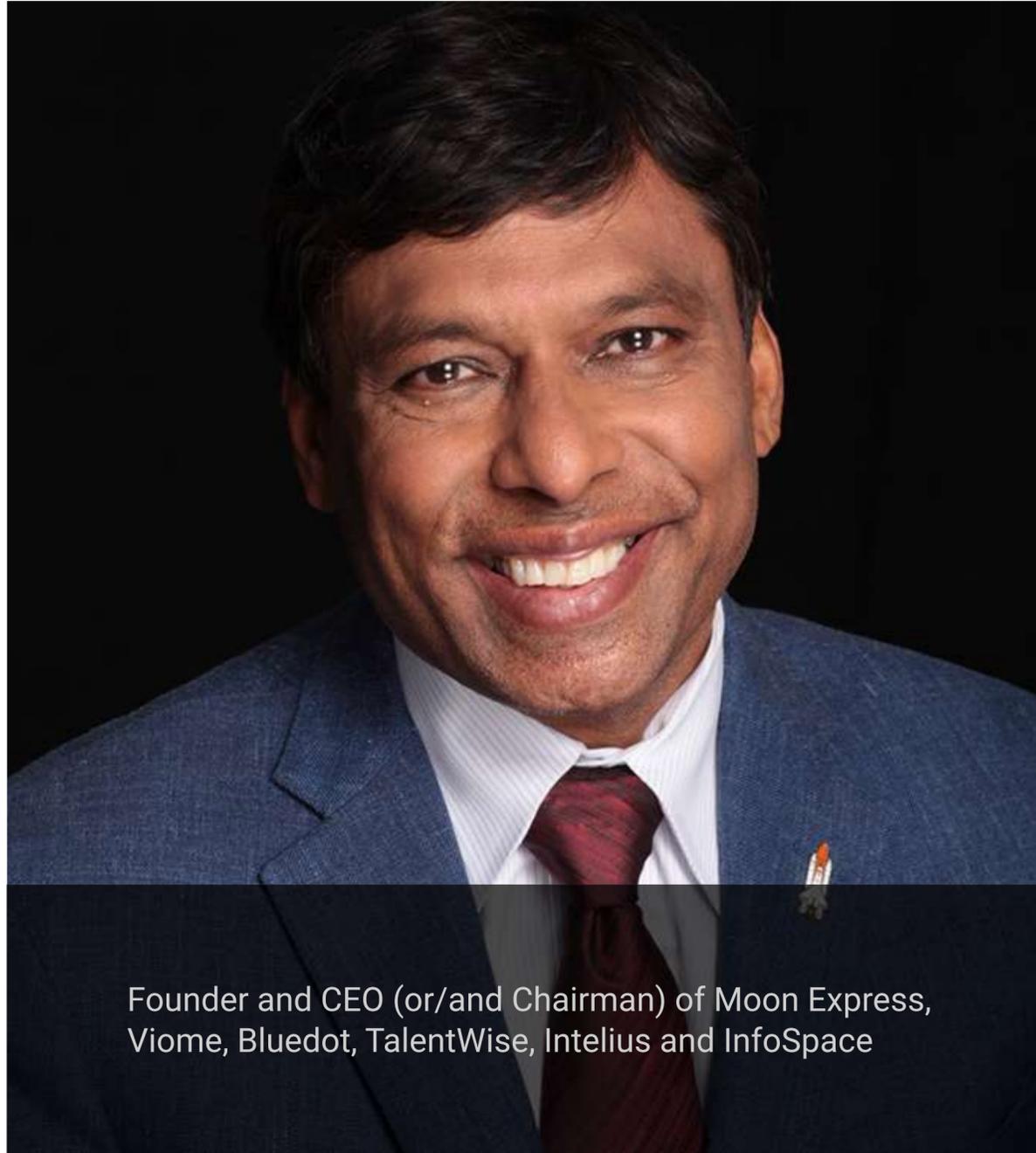
05:30pm



# SPEAKERS

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Learn about the most exciting new technologies in different fields, from the most remarkable world leaders



Founder and CEO (or/and Chairman) of Moon Express, Viome, Bluedot, TalentWise, Intelius and InfoSpace

# Naveen Jain

Naveen Jain is an entrepreneur and philanthropist driven to solve the world’s biggest challenges through innovation. He is the founder of several successful companies including Moon Express, Viome, Bluedot, TalentWise, Intelius and InfoSpace. Moon Express is the only company to have permission from the US government to leave earth orbit and land on the moon. We are developing technologies to harvest planetary resources on the moon and developing infrastructure to make humanity a multi-planetary society.

Viome is focused on disrupting healthcare with the goal of “making illness elective”. We have developed technologies to analyze the biochemistry and ecosystem of our body that consists of millions of metabolites and trillions of micro-organisms.

Our plan is to identify biomarkers that are predictive of chronic diseases and prevent them through personalized diet & nutrition. Naveen Jain is a trustee of the board at the X PRIZE Foundation where he is focused on finding entrepreneurial solutions to address the global chal-

lenges in health, education, women empowerment, agriculture, and energy.

He recently launched a million-dollar Women Safety XPRIZE to empower the women around the world. Naveen Jain is on the board of Singularity University, an interdisciplinary university with the mission to educate and inspire leaders to address humanity’s grand challenges through innovative technologies.

Naveen Jain has been awarded many honors for his entrepreneurial successes and leadership skills including “Ernst & Young Entrepreneur of the Year”, “Albert Einstein Technology Medal” for pioneers in technology, “Humanitarian Innovation Award” at the United Nations, “Distinguished Global Thinker Award” by IILM, “Most inspiring Entrepreneur” by Andaz TV, “Most admired Serial Entrepreneur” by Silicon India, “Top 20 Entrepreneurs” and “Lifetime Achievement Award” for the leadership in the technology industry and support of other entrepreneurs by Red Herring. Whether it’s business or life, Naveen is guided by one firm belief – Our only limit is our imagination.



Executive Director and cofounder of the Foundation for the International Non-Governmental Development of Space (FINDS)

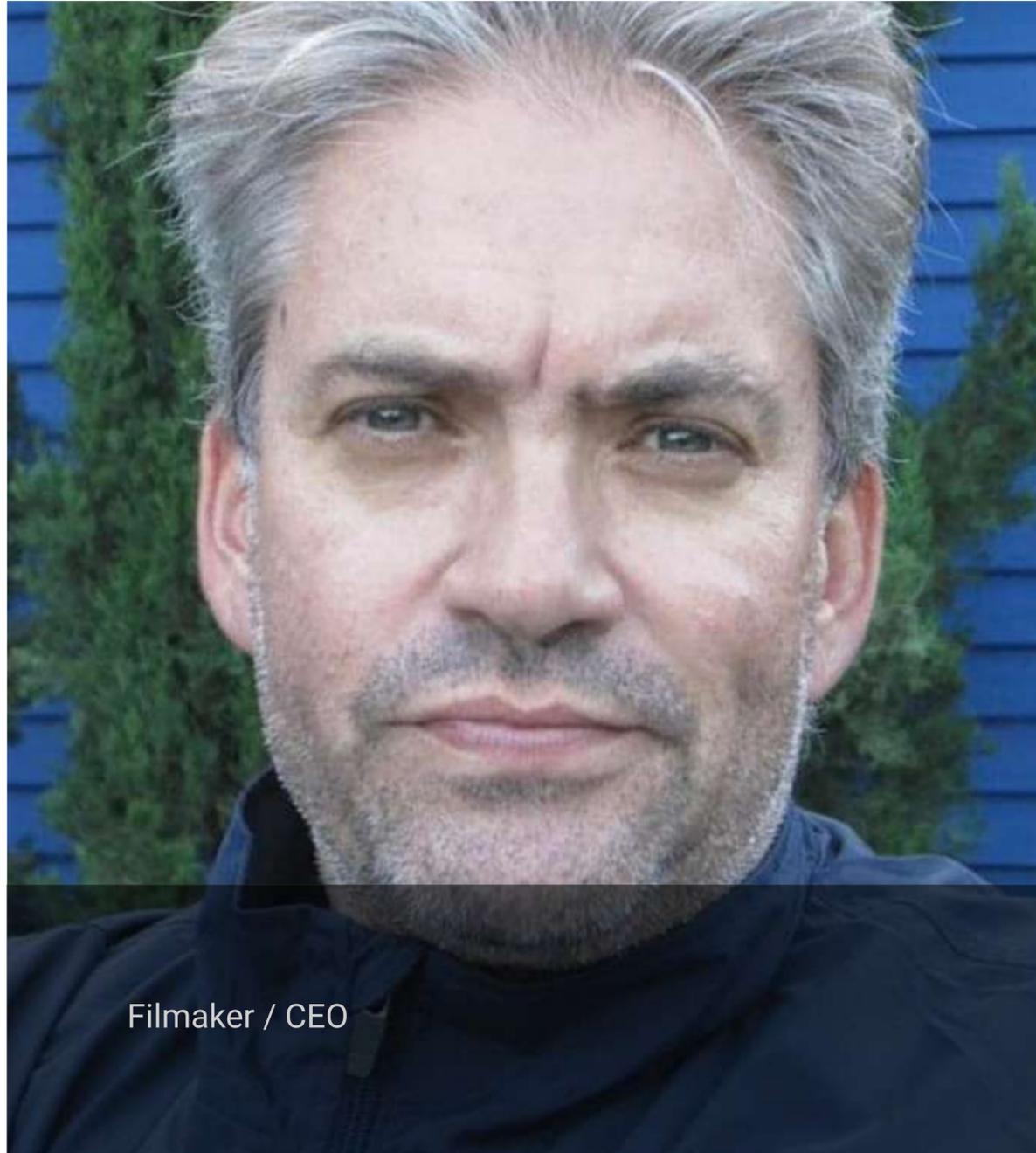
## Rick N. Tumlinson

Rick N. Tumlinson’s recent book is *Return to the Moon*. He was named one of the world’s top “Space Visionaries” and one the top one hundred most influential people in the space field by Space News, he is the cofounder of the Space Frontier Foundation, which has been called “pound for pound the most effective space organization on Earth.” From an old Texas family whose pioneering credits include helping start the Texas Rangers and fighting in the Alamo, Rick has spent his life fighting to open the space frontier.

The son of an Air Force Sergeant and his English wife, he was educated primarily in England and Texas. He worked for noted scientist Gerard K. O’Neill at the Space Studies Institute, founded the New York L-5 Society, and was a key player in starting the Lunar Prospector project which discovered hints of water on the Moon. He also helped pass the Space Settlement Act of 1988, testified before President Reagan’s National Commission on Space, and was a founding trustee of the X-Prize. Over the years he has been a lead witness in six congressional hearings on the future of NASA, the U.S. space program and space tourism, including testifying before Senator John McCain and the Senate Space and Technology Committee on the Moon, Mars and Beyond program.

To support his activism in his early years, Rick produced the animated videos used to gain funding for the Air Force’s DC-X rocket project, the International Space University, the X-33 rocket program and the Air Force’s Space Command. He also created the first ever paid political announcement for space, which was featured on NPR’s *All Things Considered*. Not satisfied to just talk, write about and help get funding for projects, he has put his time and money where his mouth is. He cofounded the firm LunaCorp which produced the first ever TV commercial shot on the International Space Station for Radio Shack. He led the team which turned the Mir Space Station into the world’s first commercial space facility, and was a cofounder of the space firm MirCorp. (The story is told in the book *NASA: Lost in Space*.) Along the way he personally signed up Dennis Tito, the world’s first “citizen explorer”, to fly on the International Space Station, and has assisted in numerous other such projects.

Rick was also Executive Director and cofounder of the Foundation for the International Non-Governmental Development of Space (FINDS), a foundation which funded breakthrough projects and activities such as Helium 3 research, laser launch studies, and asteroid processing projects.



Filmmaker / CEO

# Steven C. Barber

Steven C Barber is a writer and film maker living in Santa Monica, California. He was born in Syracuse, New York in 1961, and is the great nephew of Edith Wharton, the first female writer to win the Pulitzer Prize.

After a three year stint at Augusta Military Academy in Ft. Defiance, Virginia in the late 1970's and then graduating from Western Kentucky University, Mr. Barber headed west to give his writing and acting chops a workout.

Having worked on many films and a series of television shows in the early 1980's, he took a break from Hollywood and found work and adventure on 19 cruise ships in the 1980's and early 1990's that would take him to more than countries and over 10,000,000 nautical miles. His first novel, "Below the Waterline," a fictional and whimsical tale of love on the high seas, is a big seller on Amazon.com.

Upon returning to Hollywood in the mid 1990's, Mr. Barber found some success on a series of reality shows and, after a falling out with a large corporation he had been working with, decided

to bank roll everything he had with \$50,000 worth of camera equipment and give documentary film making a shot. This fortuitous and serendipitous action has paid off in a big way. Mr. Barber's first film, "Return to Tarawa" is an award-winning documentary that has been able to get congressional legislation passed in Congress to bring home MIAs from World War II. Actor Ed Harris lent his voice to this tremendous story of redemption and healing of 90 year-old, World War II veteran Leon Cooper.

Mr. Barber's second film "Unbeaten" is a magical story about 31 Paraplegics who take on the world most grueling road race and push their wheelchairs 267 miles in six days between Fairbanks and Anchorage. This amazing film has narration from Dan Aykroyd. "Unbeaten" was released for release in early January 2010. Mr. Barber's mission is to raise the profile of the disabled athlete and the disabled American.

The success of Unbeaten and Return to Tarawa has allowed Vanilla Fire Productions to grow into a full service Documentary and Commercial video production house.



Founder & CEO at United Space Structures – Robotics for Space Construction and Project Manager at HDR Architecture

## William Kemp

United Space Structures is a development, design, and construction company that will operate in earth's orbit building the future's largest structures. They are developing several robotic platforms that will have the capability to build a double walled structure that is cylindrical in shape and measures 100 meters in diameter by 400 meters in length. This is a medium size structure that will produce 2.8 million cubic meters of habitable interior volume. In comparison, the interior volume of the International Space Station when completed will be 1,000 cubic meters.

Bill is founder of the FESSS space construction process, patent pending. He has 30 years expe-

rience in all fields of architecture and engineering, designing and managing projects ranging from \$600 million to \$27 billion. His primary design focus has been data centers and command centers with redundant engineering systems and blast hardened.

His greatest strength is coordinating large fast track projects that require complex state-of-the-art multi-discipline design engineering process. Managing projects with effective communication and coordination during a very dynamic design process was accomplished through Bill's delegation of responsibility and building of teams which are inter-reliant with each other.

# Dr. Shawna Pandya

Dr. Shawna Pandya is a scientist-astronaut candidate with Project PoSSUM, physician, aquanaut, speaker, martial artist, advanced diver, skydiver, pilot-in-training, VP Immersive Medicine with Luxsonic Technologies and Fellow of the Explorers' Club. She is also Director of the International Institute of Astronautical Sciences (IIAS)/PoSSUM Space Medicine Group, Chief Instructor of the IIAS/PoSSUM Operational Space Medicine course, Chair of Strategic Directives for the PoSSUM13, clinical lecturer at the University of Alberta, a newly appointed Primary Investigator (PI) for the Shad Canada-Blue Origin student microgravity competition, session organizer for ASCEND 2020 and was mostly recently named a medical advisor to Orbital Assembly Construction and United Space Structures. Dr. Pandya holds degrees in neuroscience (BSc Hons. Neuroscience, University of Alberta), space (MSc Space Studies, International Space University), entrepreneurship (Graduate Studies Program, Singularity University) and medicine (MD, University of Alberta), and is currently completing a fellowship in Wilderness Medicine (Academy of Wilderness Medicine).

In addition to her clinical work and teaching duties, Dr. Pandya has also served on several COVID19 initiatives, including serving as National Institute of Health reviewer leading a PoSSUM COVID Health Task Force to provide direction to the organization and its membership during the pandemic, directing a PoSSUM 'Astronaut Mentality' Webinar series on lessons from the space world for life during a pandemic helping amplify colleagues' 3D PPE printing initiatives, co-authoring an international collaborative effort regarding guidelines for telemedicine during a pandemic, serving as an external reviewer for the Alberta Health Services Scientific Advisory Group, co-authoring a paper on lessons on resilience for life during a pandemic (in progress), and publishing YouTube video diaries about the perspectives of a physician/scientist on life during the pandemic. Throughout this time, Dr. Pandya has also continued on with virtual talks, teaching, panels, interviews and podcasts, including the UNOOSA #Space4Women initiative as a panelist, TELUS Spark's "Yes I Can" virtual event as a keynote, A Pint of Science Canada's nation-wide science festival as a subject matter expert (SME), and as an SME book reviewer.

Throughout the 2020 COVID19 pandemic, in



# José Luis Cordeiro, MBA, Ph.D.

José Luis Cordeiro Mateo is an engineer, economist, futurist, and transhumanist, who has worked on different areas including economic development, international relations, Latin America, the European Union, monetary policy, comparison of constitutions, energy trends, cryonics, and longevity. Books he has authored include *The Great Taboo*, *Constitutions Around the World: A Comparative View from Latin America*, and (in Spanish) *El Desafío Latinoamericano* (“The Latin American challenge”) and *La Muerte de la Muerte* (“The death of death”).

Cordeiro was born in Caracas, Venezuela from Spanish parents who emigrated from Madrid during the Franco dictatorship.

Cordeiro obtained Bachelor of Science (B.Sc.) and Master of Science (M.Sc.) degrees in Mechanical Engineering at the Massachusetts Institute of Technology (MIT), Cambridge, USA. He subsequently studied International Economics and Comparative Politics at Georgetown University in Washington, USA, and obtained a Masters of Business Administration

(MBA) at the Institut Européen d’Administration des Affaires (INSEAD) in Fontainebleau, France, majoring in Finance and Globalization. He started his doctoral degree at MIT, continued these studies in Tokyo, Japan, and in due course received his PhD at Universidad Simón Bolívar (USB) in Caracas, Venezuela.

After graduating, Cordeiro worked as a petroleum exploration engineer for Schlumberger. He next served as an advisor for many major oil companies, including BP, ChevronTexaco, ExxonMobil, PDVSA, Pemex, Petrobras, Shell and Total. Later, in Paris, he consulted for Booz Allen Hamilton as a specialist in strategy, restructuring, and finance.

Cordeiro has been an advocate of sound monetary policy and dollarization in Eastern Europe and Latin America[5][6]. His 1999 book *La Segunda Muerte de Sucre* provided academic backing for the change from the sucre to the dollar as the currency in Ecuador, where he is regarded as one of the thought leaders of this transformation.



Engineer, economist, futurist, and transhumanist.

# 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.

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.

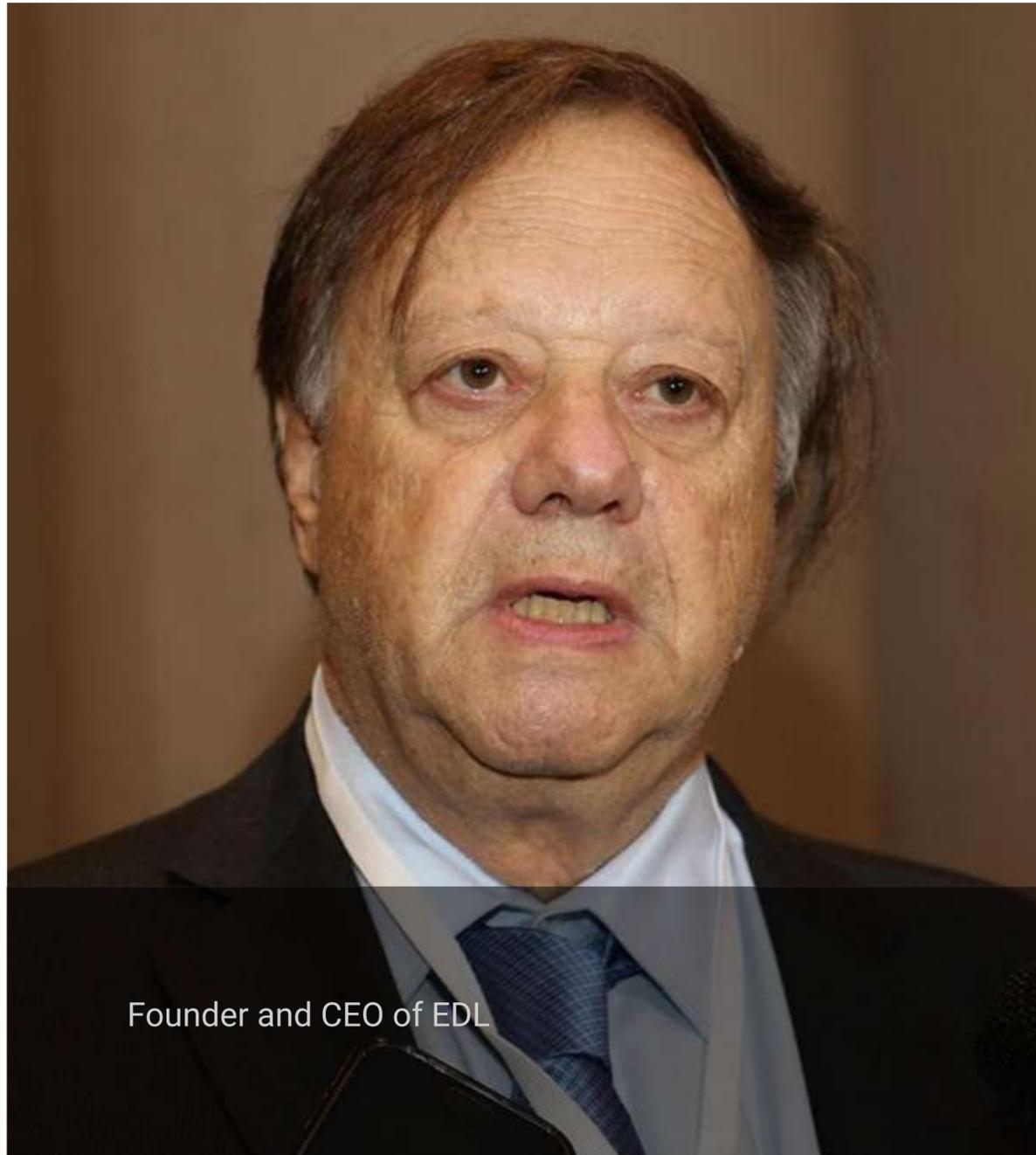
In several capacities he was responsible for major initiatives, some worth over 5\$US, such as the design and project management for the reconstruction of thousands of buildings damaged by the Friuli earthquake, an aerospace facility for commercial aircraft final assembly for Aeritalia – Boeing, an aircraft 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.

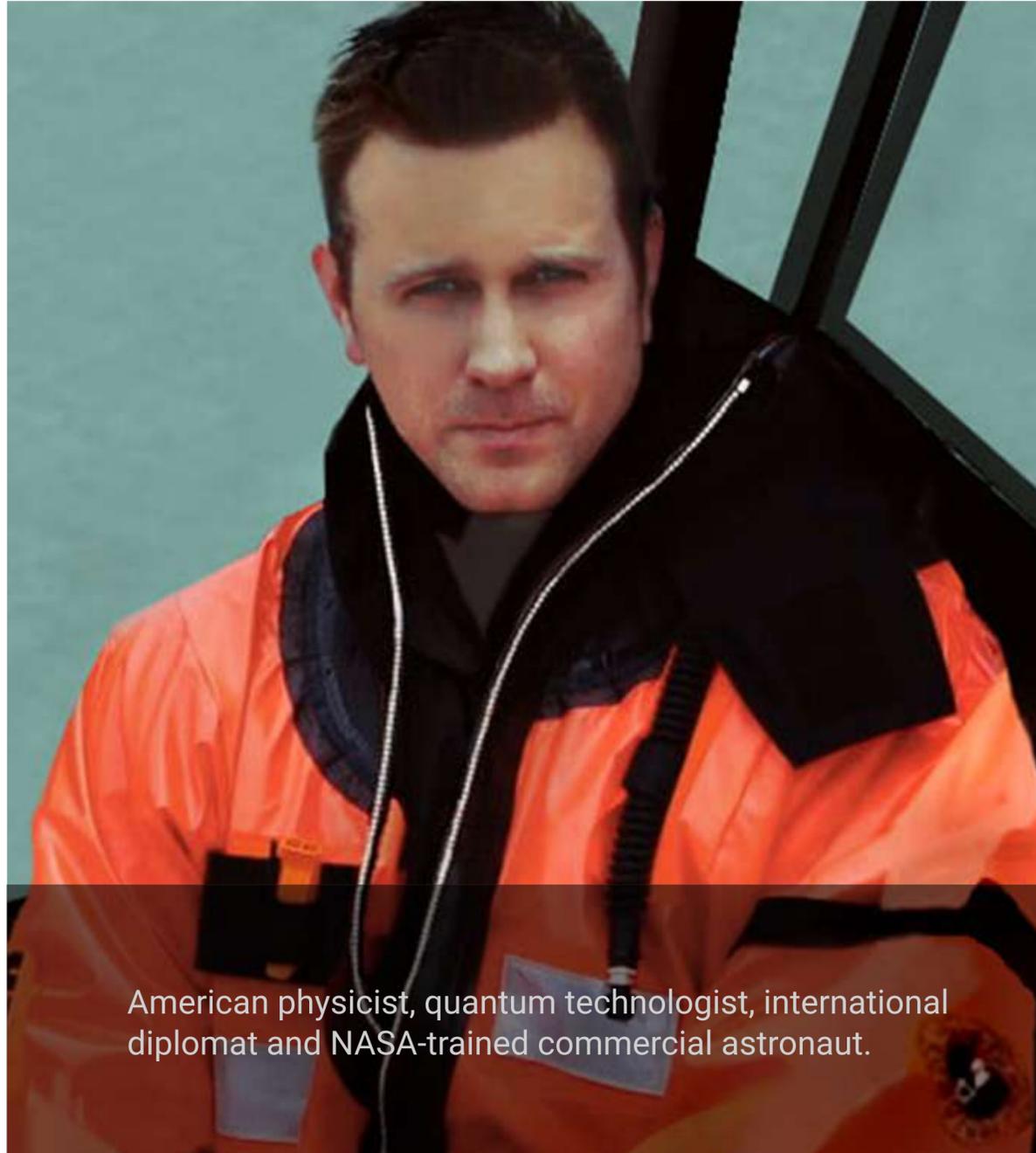
Partner of the MAAT project consortium for revolutionary airship-based air transportation system sponsored by the EU. Founder of the Star Voyager organization for the advancement of space development and interstellar travel.

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.



Founder and CEO of EDL



American physicist, quantum technologist, international diplomat and NASA-trained commercial astronaut.

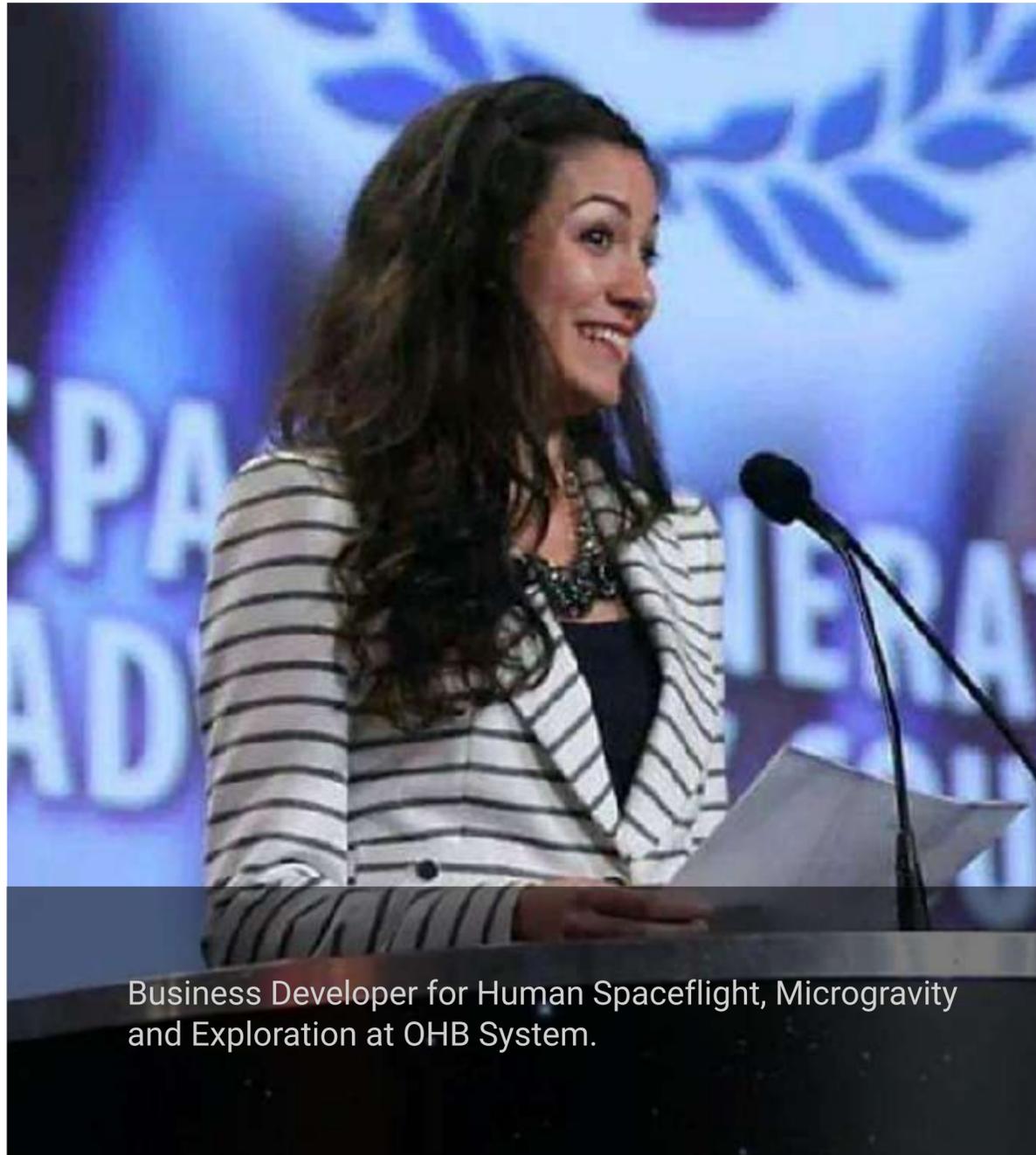
# Christopher Altman

Christopher Altman is an American physicist, quantum technologist, international diplomat and NASA-trained commercial astronaut who began his scientific career with a Guinness world record-holding artificial intelligence project and a NASA/USAF-supported time travel division at multidisciplinary, “Deep Future” research institute Starlab.

His pioneering next-generation science and technology initiatives include research at world-leading research institutes including NASA Ames Research Center, Kavli Institute of Nanoscience, as senior scientist at an astronaut training base on a volcano in Hawai’i, as Chairman for the UNISCA First Committee on Disarmament and International Security—se-

lected as annual recipient of the RSA Award for Outstanding Achievement in Government Policy—and as part of the US Government’s fast-track QuIST program in the global race for quantum supremacy.

As Director of the Board and Chief Science Officer for the world’s first commercial astronaut corps and Director with the successor to the NASA Breakthrough Propulsion Physics Program, Altman’s research spans quantum technology and next-generation spaceflight. His inaugural keynote address as a candidate with the commercial astronaut corps was broadcast live to 108 sister cities around the world. NASA allocated funding to the corps for its first manned spaceflights the following spring.



Business Developer for Human Spaceflight, Microgravity and Exploration at OHB System.

## Andrea Jaime Albalat

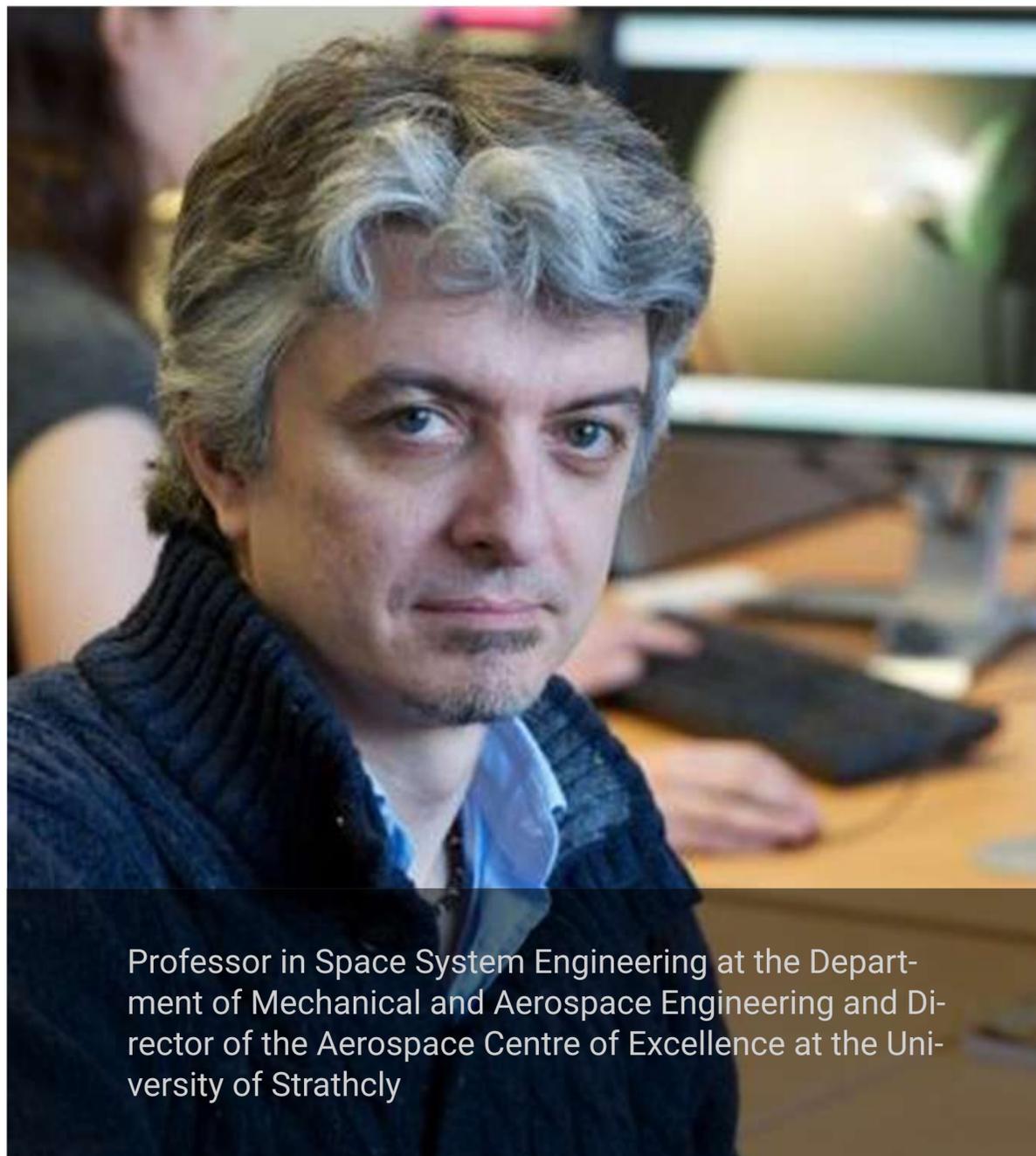
Andrea Jaime Albalat (Andrea Jaime) is a Spanish aerospace engineer currently living in Munich, Germany. She is currently responsible for the business development of human spaceflight, microgravity and exploration activities at OHB SE.

In 2010, Andrea earned her masters in Aerospace Science and Technology, from UPC in Barcelona (2010). Additionally, Andrea is an alumni of the International Space University's (ISU's) Summer Studies Program (SSP) 2009 which was hosted by the NASA Ames Research Center in California, USA, and also completed the CVA (Communauté des Villes Ariane) Summer School, hosted by Rome in 2011.

She started her professional career working as

part of the organisational committees of several workshops and conferences including, ISU's SSP 2008 in Barcelona. Since then, Andrea has worked at the European Space Agency as a Young Graduate Trainee. Based at ESTEC in the Netherlands she worked for the Human Spaceflight and Operations Directorate. In October 2011, she moved to Vienna to work as the Deputy Executive Director of SGAC, which lead her to become the Executive Director in July 2012. In 2015 she moved to Munich, Germany, and started working as Business Development Manager for OHB SE.

Andrea is an enthusiast of space exploration and strongly believes in the power of the space sector for the development and improvement of Earth.



Professor in Space System Engineering at the Department of Mechanical and Aerospace Engineering and Director of the Aerospace Centre of Excellence at the University of Strathclyde

## Massimiliano Vasile, Ph.D.

Massimiliano Vasile, Ph.D. is Professor in Space System Engineering at the Department of Mechanical and Aerospace Engineering and Director of the Aerospace Centre of Excellence at the University of Strathclyde. Max lead the Stardust project and is currently leading the UTOPIAE project. His research areas include Space Mission Analysis and Design, Global Optimization Methods, Autonomous Systems, Robust Design Optimization, and Biologically Inspired Computing.

Mx authored A Global Approach to Optimal Space Trajectory Design, and coauthored Design of Earth–Mars transfer trajectories

using evolutionary-branching technique, On the Preliminary Design of Multiple Gravity-Assist Trajectories, Preliminary Design of Low-Thrust Multiple Gravity-Assist Trajectories, Options for a Mission to Pluto and Beyond, Space and Ground Based Large Scale Solar Power Plants: A European Perspective, and Concepts for Near-Earth Asteroid Deflection Using Spacecraft with Advanced Nuclear and Solar Electric Propulsion Systems.

Mx earned his Master's and Ph.D. degrees from the Department of Aerospace Engineering of Politecnico di Milano, Italy, in 1996 and 2000.



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

# Nuno Martins, Ph.D.

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.

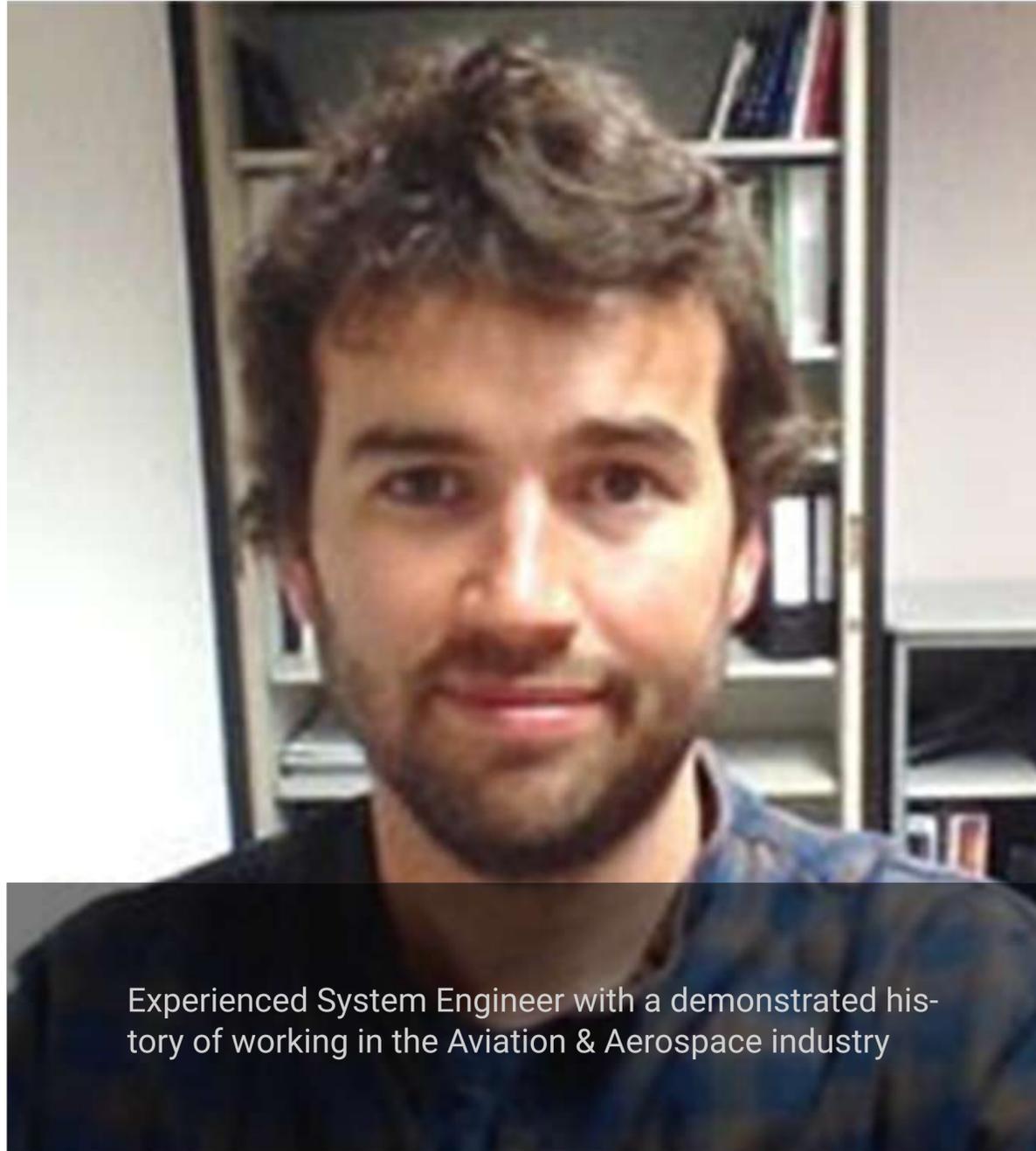
As an illustrative example, his published papers involve several fields of research, for example: quantitative neuroscience, computer science, nanotechnology, robotics, and others. Several previous education experiences have supported and nurtured his polymath approach to problems. As a researcher, he 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 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.



Experienced System Engineer with a demonstrated history of working in the Aviation & Aerospace industry

## Ivo Ferreira

Experienced System Engineer with a demonstrated history of working in the Aviation & Aerospace industry. Skilled in Systems Engineering, Technology Development for complex applications and Software Development. MSc in Aerospace Engineering and PhD in Engineering Design.

Ivo's provide system engineering support to the ATHENA mission and works in parallel development of critical technologies. ATHENA is the

mission selected for

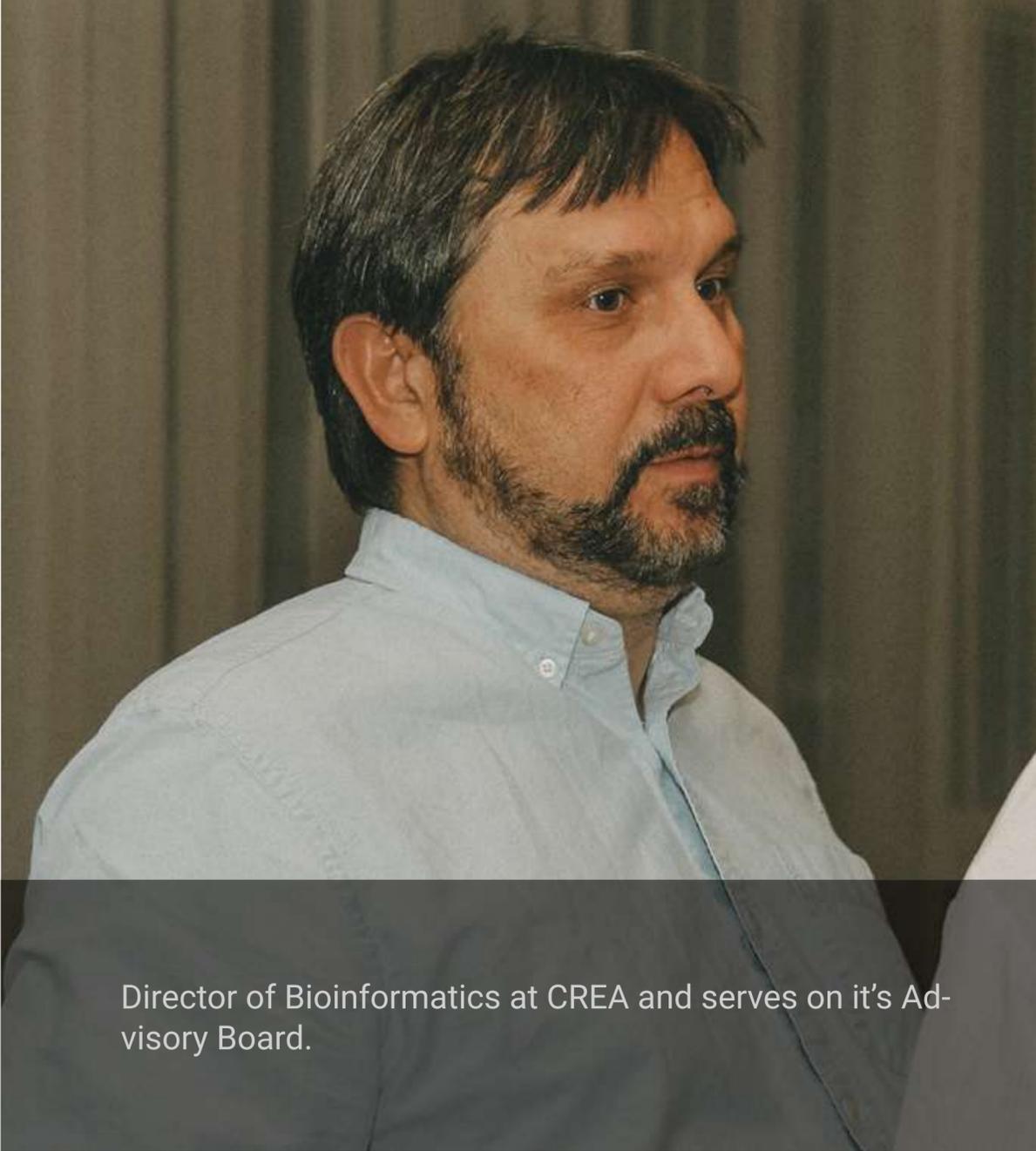
ESA's 2nd Large mission opportunity, satisfying the Cosmic Vision theme the "Hot and Energetic Universe" (budget around 1000 MEur). ATHENA will address key questions in astrophysics, including: how and why does ordinary matter assemble into the galaxies and galactic clusters that we see today? How do black holes grow and influence their surroundings?

## Steven A. Garan, Ph.D.

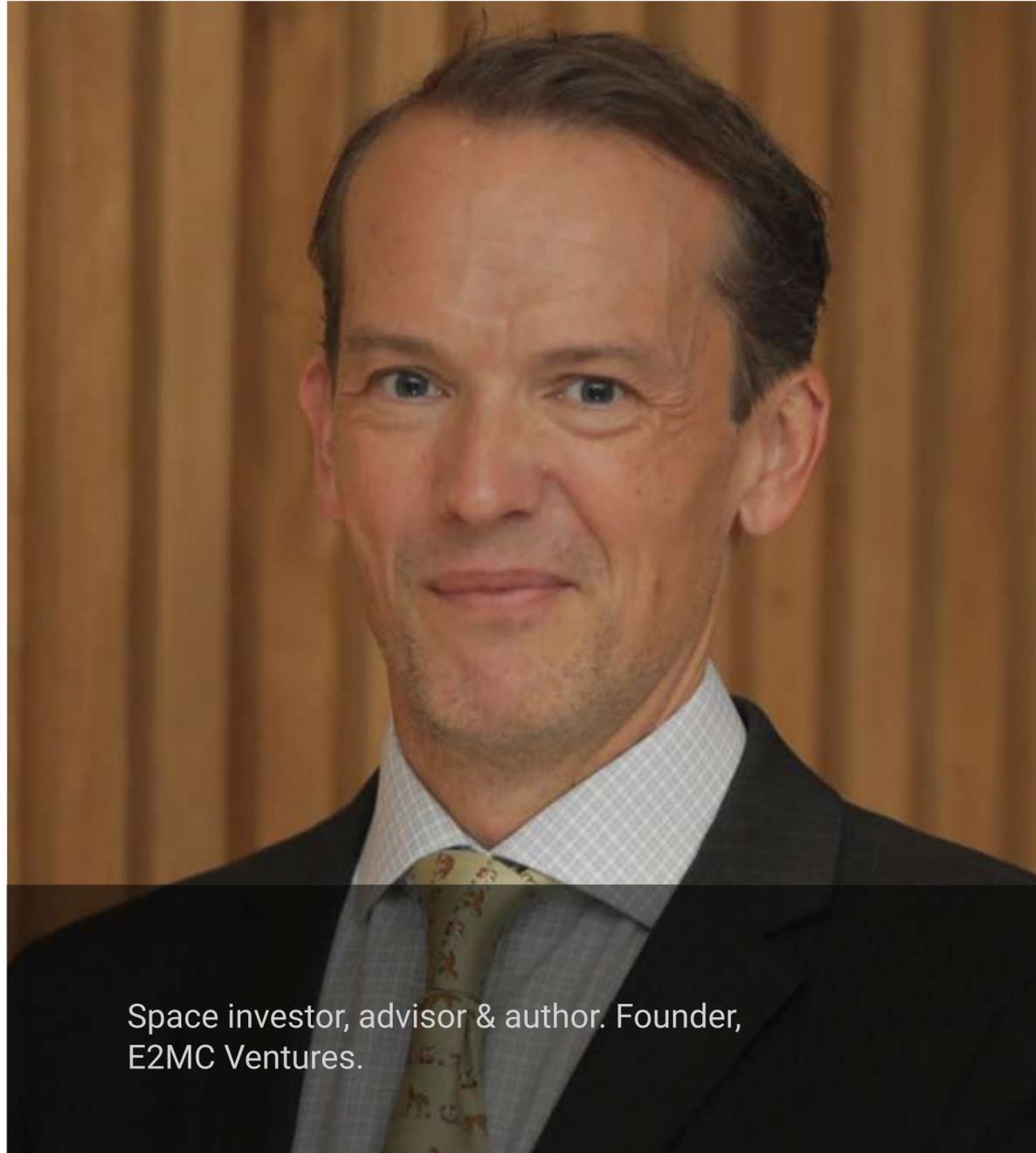
Steven A. Garan is the Director of Bioinformatics at CREA and serves on its Advisory Board, he is also a researcher at the Lawrence Berkeley National Laboratory. While at the University of California, Berkeley, he played a major role in the invention and the development of the Automated Imaging Microscope 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 cytoplasmically 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.



Director of Bioinformatics at CREA and serves on its Advisory Board.



Space investor, advisor & author. Founder,  
E2MC Ventures.

## Raphael Roettgen, CFA

Raphael Roettgen invests in space companies at E2MC Ventures. He is also the author of “Hoch Hinaus”, an introductory book on space business, the host of the Space Business Podcast, a contributing editor of Spacewatch.Global, and a lecturer on space business and finance at various universities. Previously, Raphael has

held senior roles at global investment banks and hedge funds and was also a fintech entrepreneur in Brazil. He holds degrees in finance from Wharton, machine learning from PUC-Rio and space studies from the International Space University, as well as the CFA and FRM charters.



CEO of ALYA NANOSATELLITES

## Aila Raquel

Aila Raquel is the CEO of ALYA NANOSATELLITES who is committed with a global challenge for sustainable development. Incorporating Agenda2030 at Alya's goals, she is taking bold

and transformative measures to promote sustainable development in the next 09 years, promoting impacts on at least 15 of the 17 sustainable development goals.

# TICKET OPTIONS



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- ✓ Make valuable connections within our global network
- ✓ Meet the world's most exciting companies in the space

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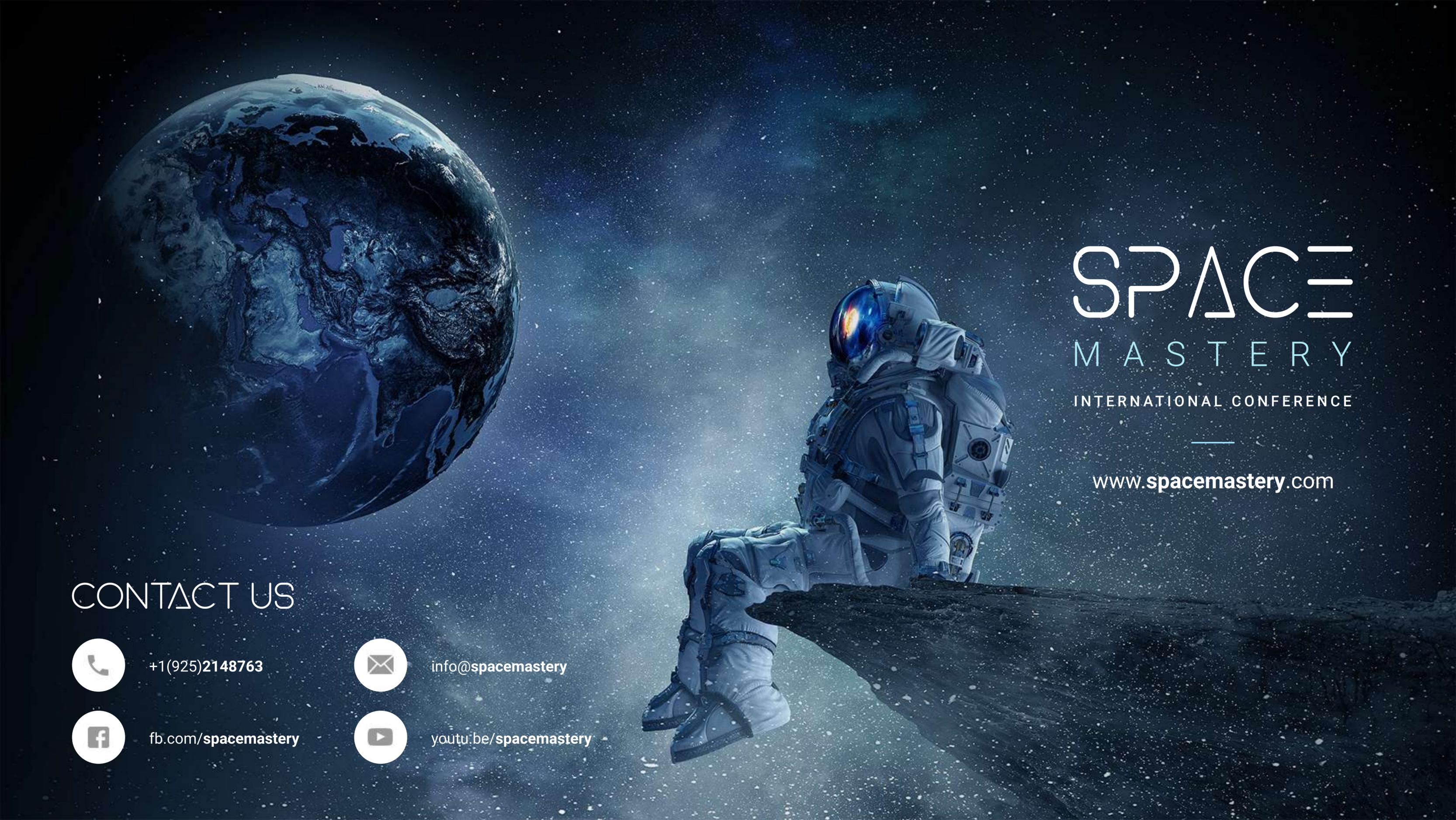
- ✓ Full access to all talks
- ✓ Full access to all panels of debate
- ✓ Full access to Expo Area
- ✓ 3 nights of accommodation
- ✓ 3 breakfasts
- ✓ Access to the 2 main networking lunches with speakers
- ✓ **VIP** seating

PREMIUM

€ **2460**

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- ✓ **PREMIUM** seating
- ✓ One VIP Gift Ticket for friends



# SPACE MASTERY

INTERNATIONAL CONFERENCE

[www.spacemastery.com](http://www.spacemastery.com)

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