



robotics
PLANET

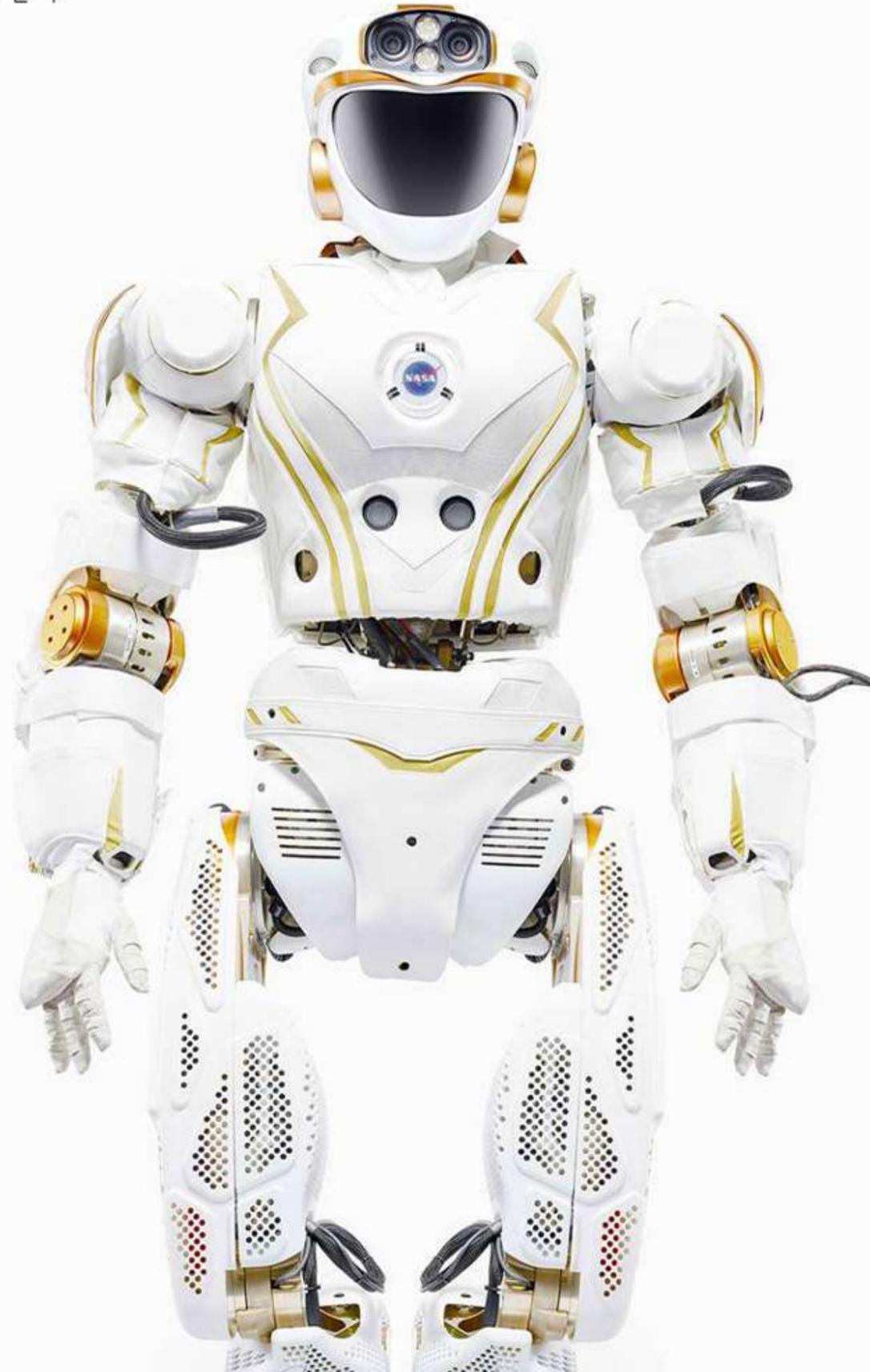


INTERNATIONAL
CONFERENCE

June 26th
2021

PORTO - PORTUGAL

www.roboticsplanet.net



DEAR READER

Our community is growing and becoming more vibrant every single day. Our ultimate goal is to reach everyone around the world.

At Robotics Planet 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 Robotics Planet' 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.

On behalf of the entire team of Robotics Planet, we would like to end this letter with a profoundly sincere "Thank You"... We are honoured to have you with us... Together we will accomplish our most ambitious goals.

Thank you,

Robotics Planet Team

OUR VISION

Robotics Planet 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



08:30AM



REGISTRATION

09:30AM



OPENING SPEECH

10:00AM



Steven A. Garan
[VIEW SPEAKER](#)

TALK
ROBOTIC TECHNOLOGY

10:30AM



James Hughes
[VIEW SPEAKER](#)

TALK
ROBOTIC TECHNOLOGY

11:00AM



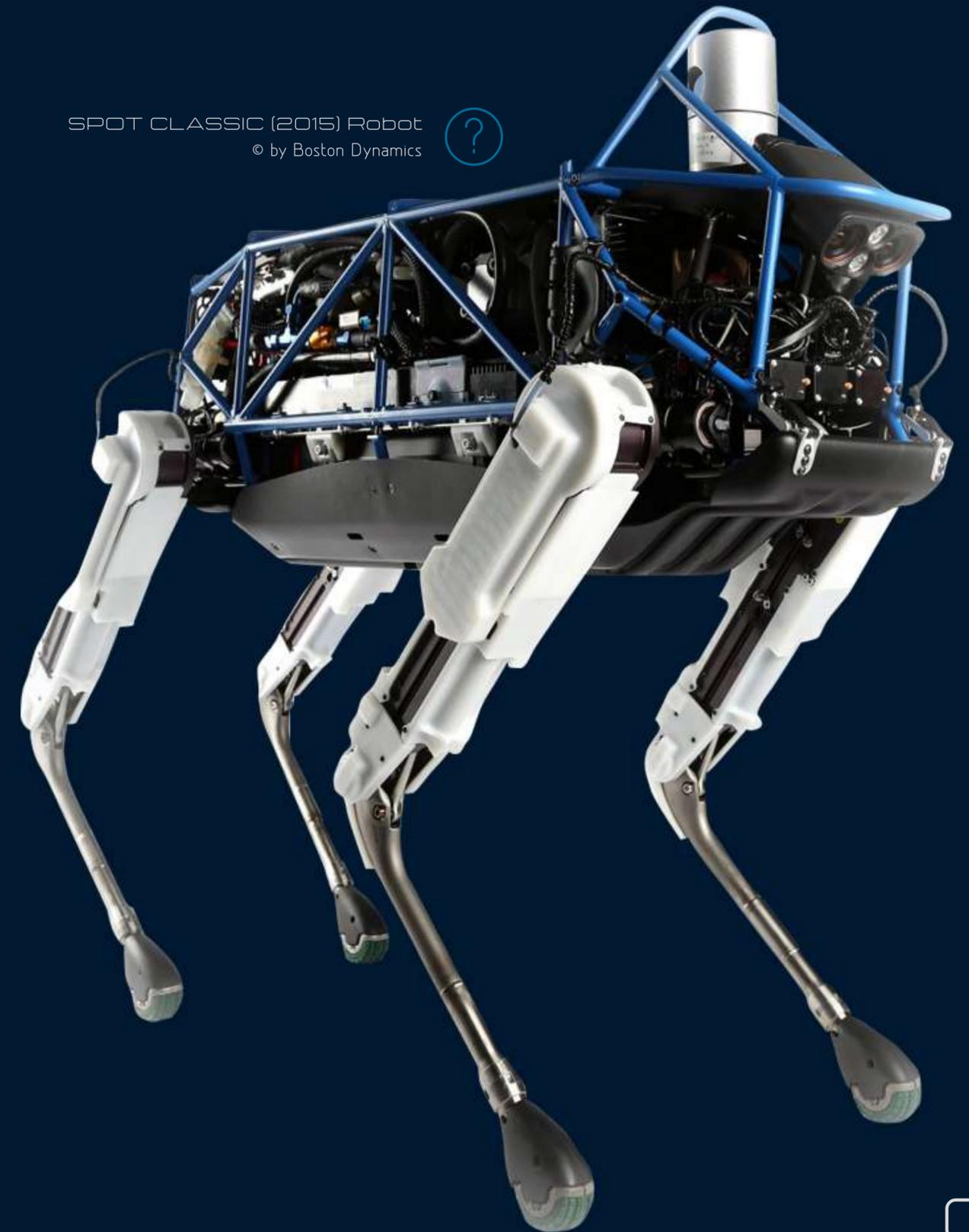
Nuno Martins
[VIEW SPEAKER](#)

TALK
ROBOTIC TECHNOLOGY



SPOT Robot
© by Boston Dynamics

SPOT CLASSIC (2015) Robot
© by Boston Dynamics



11:30AM



Giorgio Gaviraghi
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY

12:00PM



William Faloon
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY

12:30PM



• Steven A. Garan
• James Hughes
• Nuno Martins

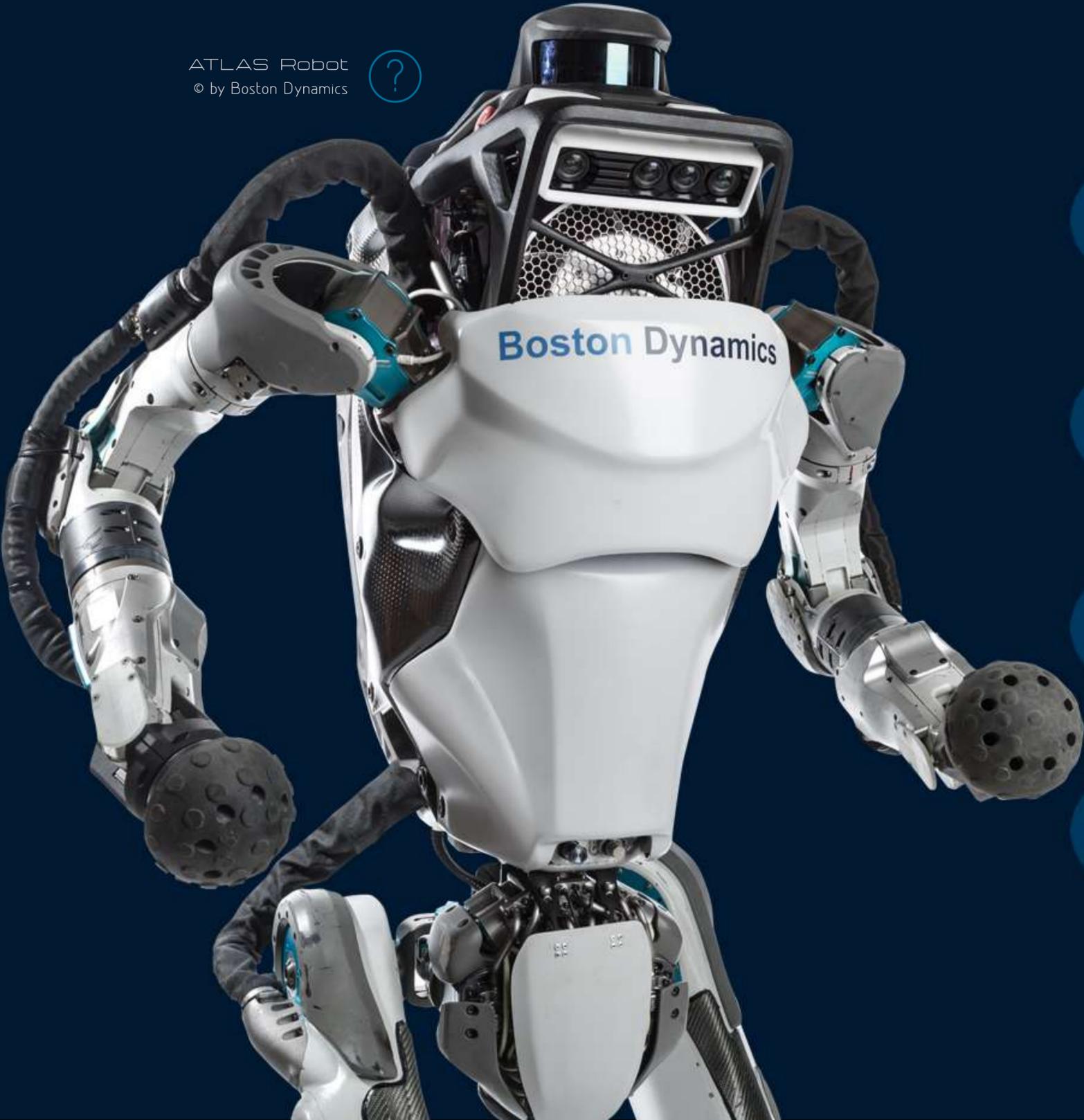
PANEL

01:30PM



LUNCH BREAK

ATLAS Robot
© by Boston Dynamics



02:00PM



Steven A. Garan
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY

02:30PM



James Hughes
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY

03:00PM



Nuno Martins
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY

03:30PM



Giorgio Gaviraghi
VIEW SPEAKER

TALK
ROBOTIC TECHNOLOGY



ASIMO Robot
© by Honda Motor Co.



04:00PM



William Faloon
[VIEW SPEAKER](#)

TALK
ROBOTIC TECHNOLOGY

04:30PM



Mark A. Voelker
[VIEW SPEAKER](#)

TALK
ROBOTIC TECHNOLOGY

05:00PM



· Giorgio Gaviraghi · William Faloon · Mark A. Voelker

PANEL

06:00PM



LUNCH BREAK

SPEAKERS



STEVEN A. 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. By using this technology, the evaluation of tissue-level biology can be used to establish neuroendocrine biomarkers of aging, and analyze the neuroendocrine effects of caloric restriction and gene knockout models that extend the lifespan.

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.

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 copny, he has built a distinguisble career across the globe He has acted as CEO for international companies operating in Eurpe, 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 manangement for the reconstruction of thousands of buildings dmaged by the Friuli earthquake, an aerospace facility for 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 specislized 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 adadvanced 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 Eurpe and latin America. Actually professor at UFMT in Brazil , teaching Exponential Creativity a disruptive post graduate course.



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.

WILLIAM FALOON

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



Since 1980, Bill Faloon and The Life Extension Foundation have uncovered pioneering approaches for preventing and treating the diseases of aging.

These avant-garde advances were meticulously chronicled in Life Extension's publications many years before conventional doctors recognized them. In order to enlighten supporters to these life-saving therapies, Bill Faloon compiled a 1500-page medical reference book titled Disease Prevention and Treatment that is now in its 5th printed edition.

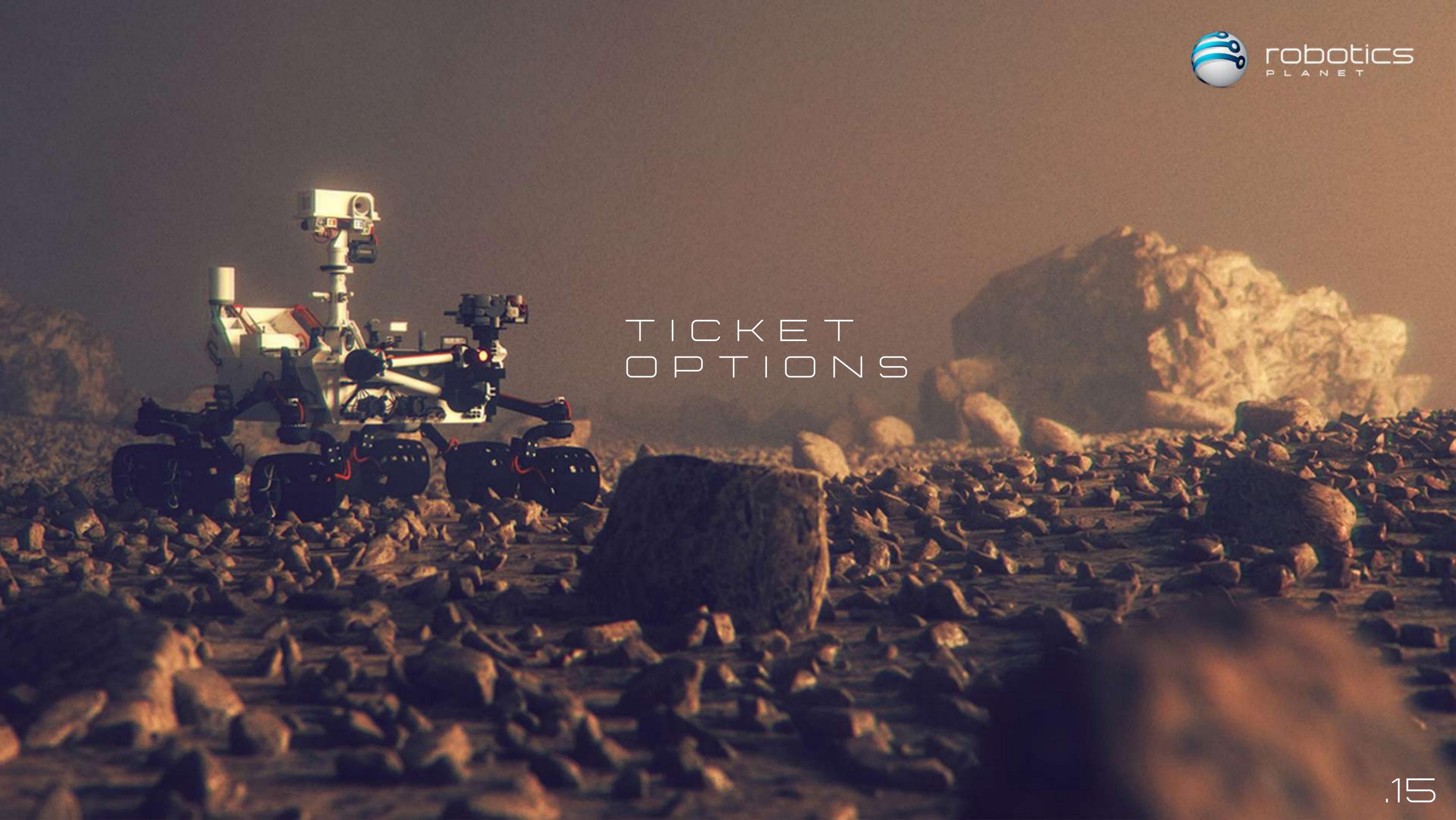
To educate the public about Life Extension's innovative medical protocols, Bill Faloon has been featured in hundreds of media appearances including The Phil Donahue Show, The Joan Rivers Show, Tony Brown's Journal, ABC News Day One, and Newsweek magazine. A review of what Bill Faloon and The Life Extension Foundation has accomplished over the past 37 years reveals just how badly conventional medicine lags behind lifesaving scientific advances. Bill Faloon has authored books exposing the atrocities committed against the American public by FDA bureaucrats, including Pharmocracy, which reveals how corrupt deals and misguided medical regulations are bankrupting America and what can be done to resolve it. Back in 1980, few scientists believed that anything could be done to prevent the degenerative effects inflicted by aging.

To counter this misconception, William Faloon pointed

to then-current scientific studies showing that it was possible to prevent some age-related diseases and to slow the aging process itself, at least in animals. He argued that if enough funds were committed to research, therapies to retard human aging could be developed that would result in the greatest revolution in medical history. Being controversial carries a heavy price. The federal government raided his facilities twice, initiated an 11-year criminal investigation, and threw him and Saul Kent in jail in 1991. When the FDA conducted its first armed raid in 1987, the Life Extension Foundation had only 4,000 members.

Thanks to publicity generated by the FDA's actions, this number grew to 25,000 members by the time his criminal indictments were dismissed in 1995. LEF now has over 300,000 supporters to whom it mails its monthly Life Extension Magazine. Support for the nonprofit Life Extension Foundation is at an all-time high because people are becoming aware that recommendations published by Life Extension in the early 1980s are now scientifically validated and many even accepted by the medical establishment.

Bill Faloon's priority today is accelerating regenerative medicine research projects. Based on published findings in animal models and preliminary findings in people, there may already exist methods to systemically reverse biological aging. Bill Faloon will provide an update on these rejuvenation initiatives during his Healthy Masters talk on December 2, 2017.



TICKET
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- ✓ 3 breakfasts
- ✓ Access to the 2 main networking lunches with speakers
- ✓ PREMIUM seating
- ✓ One VIP Gift Ticket for friends



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INTERNATIONAL CONFERENCE

www.roboticsplanet.net

+1(925)2148763

info@roboticsplanet.net

