



Green Sands Global Summit 2019

Craftsmen

I've said before that every craftsman
searches for what's not there
to practice his craft.
A builder looks for the rotten hole,
where the roof caved in.
A water-carrier picks the empty pot.
A carpenter stops at the house with no door.
Workers rush toward some hint of emptiness,
which they then start to fill.
Their hope, though, is for emptiness,
so don't think you must avoid it.
It contains what you need!
Dear soul, if you were not friends
with the vast nothing inside,
why would you always be casting your net into it,
and waiting so patiently?

Rumi

Welcome

Greens Sands Global Summit is a meeting of global intelligentsia at the intersection of visionary investment. The aim and intention of the Summit is to encourage cross border and cross disciplinary engagement and knowledge sharing among global investors, industrialists, entrepreneurs and thought leaders.

All of us are here today because we want to contribute something to the world and each other. We want to explore, enable innovation, and to create something that outlives us. We want to be a small but deliberate part of human progress and history. We believe in ourselves just enough to know that we have a responsibility towards the universe and the ability to be significant. We are humble enough to know, it will take all of us to make a difference. We are building on the work of generations before us and many more will build upon our work.

We are truly honoured and grateful for your presence. Thank you.

Sincerely yours,

A handwritten signature in grey ink, appearing to read 'Reema Khan', with a stylized, flowing script.

Reema Khan

Founder | CEO

Agenda

Why do we even exist?

Bill Diamond, CEO of SETI Institute in conversation with Reema Khan, CEO of GSE

Exploration of Non Human Intelligence and Communication

with scientist Laurance Doyle

Innovation in Health Tech vs. Adoption of Health Tech in the Industry

A Conversation with Matt Angle, CEO of Paradromics and Lisa Alderson, CEO of Genome Medical moderated by Tahir Mahmood, CEO of Applied Molecular Transport

World's Smallest Artificial Intelligence Machine Learning Nanochip and its Applications

A presentation by Dr. Katsuji Kuboe

Break for Refreshment & Nano Chip Exhibit

Perspectives on Hardware and Software of Tomorrow

A conversation with Mary Lou Jepsen and Lila Tretikov moderated by Meagen Eisenberg

An Exploration Mindset in an Age of Rapidly Accelerating Technology

With explorer and futurist Jonathan Knowles

2019 Green Sands Prize

Honoree Tenzin Seldon

Closing Remarks by Reema Khan

Speakers



Nate Yohannes

Nate Yohannes is a Principal Product Lead at Microsoft Cloud & AI Engineering; as a direct report to the Head of AI Product Management. Mr. Yohannes drives strategy across all of Microsoft's AI products and is responsible for leading AI product operations. Prior to joining AI engineering, Mr. Yohannes was a Director of Strategy & Corporate AI Business Development at Microsoft. Mr. Yohannes was responsible for driving strategy, acquisitions, partnerships and complex deal negotiations with high visibility from the Office of the CEO. Mr. Yohannes was the recipient of Microsoft's AI Speaker Award. Prior to Microsoft, Mr. Yohannes was appointed by the White House to serve in President Obama's administration as the Senior Advisor to the Chief Investment and Innovation Officer, US Small Business Administration.



Bill Diamond

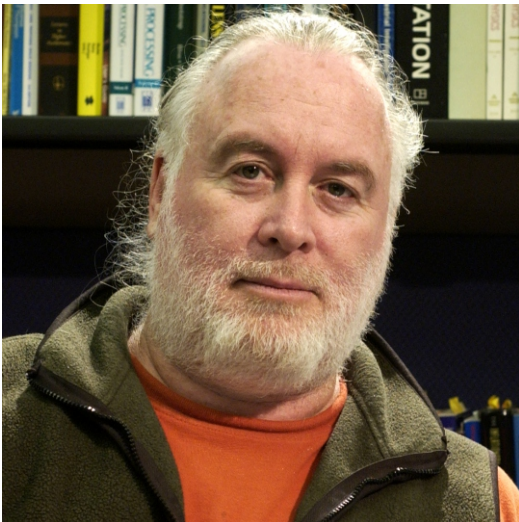
Bill Diamond is President and CEO of the SETI Institute, which he joined in 2015. He has worked predominantly in applied technologies with over 20 years' experience in photonics and optical communications, and more than a decade in X-ray and semiconductor processing technologies. His corporate background spans the spectrum from venture-backed start-ups to Fortune 100 multinationals, with responsibilities ranging from R&D, engineering and operations, to sales, marketing, product management, and CEO positions. Bill is a past member of the Advisory Board for the McDonough School of Business Administration at Georgetown and is a current member of the Optical Society of America and the International Astronomical Congress.

Speakers



Reema Khan

Reema Khan founded Green Sands Equity in June 2015 and is currently based in GSE's San Francisco office. She is responsible for all aspects of the firm's investment strategy, team and operations across GSE's global network. Reema also specializes in strategic advisory for governments in their branding for Foreign Direct Investment. In 2018, she became a member of the Women in Science & Technology platform at the United Nations in collaboration with Royal Academy of Science International to bring gender parity in Science and Technology education, scientific research, and public and private sector employment. In 2017, Reema was awarded the 21st Century Icon Award for Finance & Investment backed by CNBC and London School of Economics..



Laurance Doyle

Long before the discovery of the first planet beyond our solar system, astronomer Laurance Doyle began theorizing about the habitability of planets around other stars, clarifying the conditions needed for a planet to bear life. Relying on his expertise in signal processing, he now looks for patterns in astronomical data, searching for extrasolar planets. Recently, Doyle has begun using same statistical tools to look for patterns in animal communication. Drawing on central concepts of information theory, he and colleagues have precisely measured the complexity of the songs of humpback whales, comparing them with communication in other species—including humans. In the future, he plans to expand this innovative line of research, moving to the next level of understanding animal communication.

Speakers



Matt Angle

Matt Angle is the Founder and CEO of Paradromics. His technical background is in neural recording and the design of neural recording systems. He has a PhD from the University of Heidelberg, during which time he worked at the Max Planck Institute for Medical Research. Prior to founding Paradromics in 2015, he was a postdoctoral researcher at Stanford University, in the Department of Materials Science and Engineering. He lives in Austin, TX with his wife and two children.



Lisa Alderson

Lisa Alderson is Co-founder and Chief Executive Officer of Genome Medical. She has 20 years of experience building early-stage companies with a focus on technology, consumer and life sciences businesses. Prior to Genome Medical, Lisa served as the Chief Commercial Officer and Chief Strategy Officer of Invitae (NYSE: NVT), a rapidly growing genetic information company. She was part of the start-up team at Genome Health Inc. (Nasdaq: GHDX), president of Cinema Circle Inc. and the former manager of strategic planning at The Walt Disney Co.

Speakers



Tahir Mahmood

Tahir is CEO and co-founder of Applied Molecular Transport (AMT), where he has overseen the company's growth from concept to clinical trials in patients with debilitating autoimmune disease through multiple equity financing rounds raising more than \$100M in capital. Tahir previously led the US West Coast Life Sciences consulting practice at Booz Allen Hamilton and was Managing Director at Lake Sherwood Partners. As a consultant, he advised executives and boards across the spectrum of life sciences, healthcare provider, private and public equity investment, and global health organizations. Tahir is also co-founder and director of MiNDERA, a non-invasive skin genomics company with a nanostructured nucleic-acid detection chip technology system.



Katsuji Kuboe

At NEC Corporation, he has experience in software development and demonstration experiments mainly in the simulation field (Toyota Central Research Laboratory), an ultra-large computer automated driving system, an automobile failure diagnosis system using AI technology, and a T car assembly plant. Automatic design, S company steel maker production line rationalization P, company D special steel production line site improvement, K company construction machine manufacturer production line automation improvement system design. Appointed director of Auraline, a subsidiary of NEC BIGLOBE (Internet provider). Demonstrate superior management skills in the fields of IT marketing and IDC business.

Speakers



Mary Lou Jepsen

Before founding Openwater, a company creating a portable MRI, Dr. Jepsen was an engineering executive at Facebook, Oculus, Google, and Intel. She has founded four startups, including One Laptop per Child where she was CTO, chief architect and delivered to mass production the \$100 laptop. She was a professor at MIT and is an inventor of over 250 published or issued patents. She has designed and shipped billions of dollars worth of consumer electronics at the edge of what physics allows. She has been recognized with many awards including TIME magazine's "Time 100" as one of the 100 most influential people in the world, as a CNN top 10 thinker, and in the Forbes 2018 inaugural listing of the Top 50 Women in Tech.



Lila Tretikov

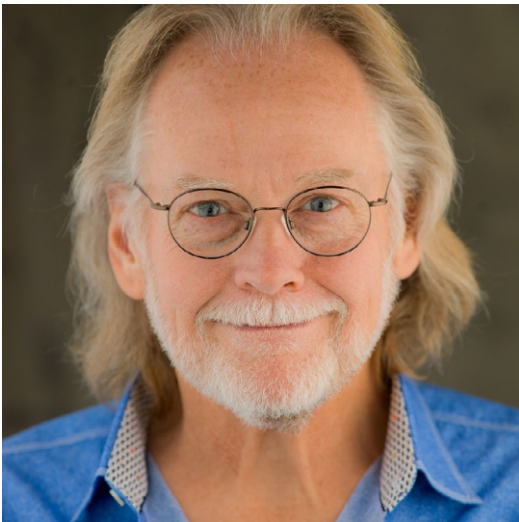
Lila Tretikov is the Corporate Vice President of Customer & Product, AI Perception and Mixed Reality at Microsoft. Lila's division tackles the challenges of bringing together Mixed Reality and AI to create solutions that merge our physical and digital worlds – all with the goal of accelerating change and helping organizations and people achieve more. Prior to Microsoft Lila was CEO of Terrawatt, a global organization that aligns corporate, financial, NGOs and political interests to alter the Earth's ecology. She was also Chief Executive of Wikimedia Foundation, an organization supporting Wikipedia, and has authored numerous patents and articles in the field of technology-enabled business transformations. Lila also serves as Board Director and CEO advisor for numerous companies.

Speakers



Meagen Eisenberg

Meagen has spent over 20 years in high-tech and most recently is the CMO of TripActions, previously CMO of MongoDB (Nasdaq: MDB) and on the boards of G2. Before joining MongoDB, she was VP of Demand Generation at DocuSign (Nasdaq: DOCU). Named Top 50 most retweeted by mid-sized marketers according to AdWeek and Top 25 for B2B Marketing Influencers. Meagen advises over a dozen tech companies such as Branch.io, Chorus.ai, Sendoso, CoreOS (acquired by RedHat), Accompany (acquired by Cisco Systems), Mintigo (acquired by Anaplan), TinyPulse and SumoLogic, seven of which were acquired in the past two years. She has an MBA from Yale SOM, and a Bachelor of Science degree in MIS and a minor in CSC from Cal Poly – SLO.



Jonathan Knowles

Jonathan explores the dynamics of large-scale, long term change with a focus on beyond the horizon technologies. A popular and inspirational advisor and speaker, Jonathan provides insight on the intersection of emerging technologies and social trends, and closing the gap between the theory and the practice of innovation in a world of rapidly accelerating technology capabilities. Jonathan currently serves as the Science and Exploration Fellow at Mission Blue; Advisor to Schmidt Marine Technology Partners; Exploration and Ideation Director at the NASA Frontier Development Lab and European Space Agency Frontier Development Lab, and is a Distinguished Fellow at Singularity University. He sits on the boards of, and is an advisor to, several ocean, space, technology, learning, design, engineering, exploration, and arts organizations.

Green Sands Prize

Honors an Individual or Organization with the Potential for Profound Impact

As an organization founded on the principles of social cooperation and human progress, Green Sands Equity strives to both engage and encourage individuals or organizations who show potential for excellence and profound impact on the world. We understand that the likelihood of realizing excellence and impact is often tied to opportunity. Therefore, as an organization with means, we believe that we bear a social responsibility to aid such extraordinary individuals or organizations to realize their greatest potential.

Through both funding and mentorship, we provide Green Sands Prize recipients with the resources and opportunities they need to succeed.

2019 Honoree - Tenzin Seldon



Tenzin was raised as a refugee in the Indian Himalayas, her family having fled there from Tibet. Tenzin is the founder of Kinstep, a social enterprise platform that connects immigrants to safe and steady jobs. She also is the Senior Advisor, Board Member of Earth's Call Foundation, in partnership with Lever for Change, which will deploy around 100 million for solutions addressing climate crisis. Tenzin graduated top of her class at Stanford University, followed by University of Oxford, where she was the first Tibetan-American Rhodes Scholar. Tenzin has spent her career advocating for disenfranchised communities, leading Climate Justice League chapters around the US, working on negotiations with Israel and Palestine, and, most recently, at the

United Nations Regional Office of Asia and the Pacific. Tenzin's work has been recognized around the world: as a Forbes 30 Under 30 honoree and Forbes magazine "Most Likely to Impact the Next Century", World Economic Forum Global Shaper, a Harry S. Truman Scholar, and one of OZY Magazine's "5 Civil-Rights Leaders for a New Generation. In 2018, she received the 21st Century Icon Awards by the London Stock Exchange.



Green Sands Equity (GSE) is a boutique private equity investment firm. Headquartered in San Francisco with offices in Dubai, Frankfurt, Zurich, Tokyo and Singapore, GSE both leads and co-invests alongside the world's leading institutions. Believing firmly in global impact through local partnerships: cooperation and collaboration are the hallmark strategy and philosophy of GSE.