



# WHAT'S NEXT?

Meet the Explorers who discover first.

## WELCOME TO GLEX SUMMIT

AÇORES | PORTUGAL



2022



# THE GLEX SUMMIT

The Explorers Club's Global Exploration Summit **GLEX Summit** will bring together the world's leading explorers, for an unprecedented gathering where they will share cutting-edge technology and innovations to propel us toward the next frontier in the future of exploration.

This year, the Summit will showcase the latest discoveries, and connect with the public through live streaming, mass media and audience participation.

The Explorers Club, in association with Expanding world, is navigating to new horizons, aiming to bring the world together. Leaders and international officials, at the closing of the first **GLEX Summit**, signed the Lisbon Declaration, committing all participants to a worldwide effort to inspire the public to protect our planet, reconnect with nature and preserve our most pristine habitats.



**IGLEX**

GLOBAL **EXPLORATION**  
PORTUGAL | SUMMIT

**July 4 - DAY 1**

Teatro Micaelense | Ponta Delgada

**SPACE**



EXPANDING

## July 4 (Monday)

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9:00 AM - **CHECK-IN**

9:45 AM - **OPENING SESSION**

WELCOME TO THE GLOBAL EXPLORATION SUMMIT

**Richard Garriott** - The Explorers Club President

**Rita Marques** - Secretary of Portuguese State for Tourism

**José Manuel Bolieiro** - President of the Regional Government of the Azores

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### Session 1 | **SPACE**

09:45AM - 12:30 PM (Azores, GMT)

**Teatro Micaelense**

**Ponta Delgada**

10:00 - 10:10 | **WHAT'S NEW - THE NEW GOLDEN AGE OF EXPLORATION**

**Richard Garriott** - The Explorers Club President

10:10 - 10:15 | **CHANGING ALTITUDE IN THE WINDS OF LIFE**

**Bertrand Piccard** - Explorer and Environmentalist

10:15 - 10:35 | **DAVINCI - PAINTING THE ATMOSPHERE OF VENUS**

**James Garvin** - Nasa Chief Scientist

Mars Exploration and Davinci Venus Program

10:35 - 10:50 | **EXTRATERRESTIAL VOLCANOES**

**Rosalyn Lopes** - Planetary volcanologist

10:50 - 11:05 | **eARTh FROM SPACE**

**Nicole Stott** - Artist, Astronaut, Aquanaut, Earthling

11:05 - 11:25 | **COFFEE BREAK**

11:25 - 11:40 | **MAKING SPACE FOR EVERYONE**

**Cady Coleman** - Former NASA Astronaut

11:40 - 11:55 | **GLASS TERRAFORMING**

**Josh Simpson** - Glass Artist

11:55 - 12:10 | **Azores Space Port**

12:10 - 12:20 | **Ax-1 - How the First Fully Private Mission to the ISS Pushed the Boundaries of Science**

**Michael López-Alegría** - VP Axion Space | Chief Astronaut





**July 4 - DAY 1**

Teatro Micaelense | Ponta Delgada

**OCEANS**



EXPANDING

## July 4 (Monday)

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### Session 2 | **OCEANS**

14:00AM - 16:30 PM (Azores, GMT)

**Teatro Micaelense**

Ponta Delgada

14:00 – 14:05 | **OPENING SESSION**

**Richard Wiese** – GLEX Chair & Explorers Club President Emeritus

14:05 – 14:20 | **WELCOMING SHARKS TO PARADISE**

**Rachel Graham** – Marine Conservation Scientist

14:20 – 14:35 | **HERE BE DRAGONS**

**Edie Widder** – Deep Sea Biologist

14:35 – 15:50 | **SCIENCE AND EXPLORATION FOR THE ESTABLISHMENT OF THE LARGEST FULLY PROTECTED MPA IN THE NORTH ATLANTIC.**

**Emanuel Gonçalves** – Fundação Oceano Azul, Marine Ecologist and Conservationist

15:50 – 15:10 | BREAK

15:10 – 15:25 | **HOW TIGER SHARKS DISCOVERED A LOST ECOSYSTEM**

**Austin Gallagher** – CEO, Beneath the Waves

15:25 – 15:40 | **APEX PREDATORS OF THE OCEAN**

**Jorge Fontes** – Marine Ecologist

15:40 – 15h55 | **THE GIANTS OFF SRI LANKA**

**Asha de Vos** – Marine Biologist and ocean educator



 **IGLEX** GLOBAL **EXPLORATION**  
PORTUGAL | SUMMIT

**July 5 - DAY 2**

Teatro Micaelense | Ponta Delgada

**EARTH**



EXPANDING

## July 5 (TUESDAY)

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### Session 3 | **EARTH**

10:00AM - 14:30 PM (Azores, GMT)

**Teatro Micaelense**  
Ponta Delgada

#### 10:00 - 10:05 | **OPENING SESSION**

**Richard Wiese** - GLEX Chair & Explorers Club President Emeritus

#### 10:05 - 10:20 | **BIGGER THAN ME: INCLUSION IN CONSERVATION**

**Leela Hazzah** - Conservation Biologist

#### 10:20 - 10:40 | **OF CRAFTY CROWS AND SPACE SHUTTLES AND; TRACKING ANIMALS DURING COVID-19 LOCKDOWNS**

**Christian Rutz** - Animal-Tracking Pioneer

#### 10:40 - 10:55 | **PROTEINS FROM THE EXTREMES**

**Glen Gowers** - biotechnologist - Co-Founder at Basecamp Research

**Oliver Vince** - biotechnologist - Co-Founder at Basecamp Research

#### 10:55 - 11:15 | **BREAK**

#### 11:15 - 11:30 | **Urgent Dispatches from the Fossil Record**

**Kenneth Lacovara**, PhD - Paleontologist

#### 11:30 - 12:00 | **Ressurecting the Mammoth**

**Ben Lamm** - CEO and Founder, Colossal

**Eriona Hysolli** - Head of Biological Sciences, Colossal

### Special Session

#### **Faial Island**

10:30AM - 14:30 PM (Azores, GMT)

Participation by invitation

**VOLCANO INTERPRETATION  
CENTER OF CAPELINHOS**

#### 10h30 Welcome Session

**Will Roseman** - Executive Director / The Explorers Club

#### 10h40 | **AZORES ISLANDS:**

##### **WHEN AND WHERE ( VOLCANIC ) FIRE BEATS ( SEA ) WATER**

**João Carlos Nunes** - PhD on Volcanology-Azores University

#### 11h10 | **FROM CAPELINHOS TO SPACE: WE EXPLORE VOLCANOES!**

**James Garvin** - NASA's first Chief Scientist for Mars Exploration and led the scientific strategy that led to Mars Exploration Rover. Since 2021, he has been the Principal Investigator of the DAVINCI mission to Venus, the first mission to return to its atmosphere and surface since 1985.





EXPANDING

## July 5 (TUESDAY)

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### Session 4 | **EARTH**

14:00AM - 16:30 PM (Azores, GMT)

**Teatro Micaelense**

Ponta Delgada

14:00 - 14:25 | **SAVING WILDLIFE ON THE BRINK**

**Dereck Joubert** - Conservation Filmmakers and Photographers

**Beverly Joubert** - Conservation Filmmakers and Photographers

14:25 - 14:50 | **AFRICAN TWILIGHT: VANISHING RITUAL & CEREMONIES**

**Carol Beckwith** - Award Winning Authors and Photo Journalists

**Angela Fisher** Award Winning Authors and Photo Journalists

14:50 - 15:10 | **BREAK**

15:10 - 15:25 | **FARM FROM A BOX:**

**FOOD AS A PATHWAY TO PEACE & PROSPERITY**

**Brandi DeCarli, PhD** - Advocate and Entrepreneur

15:25 - 15:40 | **ACROSS THE NORTH POLE IN THE DARK**

**Børge Ousland** - Polar Explorer

15:40 - 16:55 PM | **MEMORIES IN THE ICE**

**Jerome Chappelaz** - Paleoclimatologist



**July 6 - DAY 3**

Teatro Micaelense | Ponta Delgada

**EC 50 PROGRAM**

## July 6 (Wednesday)

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Session 5 | **EC50 PROGRAM**  
09:50AM - 13:30 PM (Azores, GMT)

**Teatro Micaelense**  
Ponta Delgada

09:45 - 9:50 | **OPENING SESSION**

**Richard Wiese** - Club President Emeritus and EC50 Chair

9:50 - 10:05 | **SPACE2INSPIRE**

Dr. **Sian Proctor** - Geoscientist, Artist, & Astronaut

10:05 - 10:20 | **THE OTHER SPECIES**

**Joshua Powell** - Conservation Biologist

10:20 - 10:35 | **THE DNA REVOLUTION**

**Natalie Schmitt** - Conservation geneticist

10:35 - 10:50 | **POLAR BEARS AND POLAR NIGHTS**

**Sunniva Sorby** - Polar Explorer

10:50 - 11:10 | **BREAK**

11:10 - 11:25 | **FRESH TRACKS: A CROSS CULTURAL REVOLUTION**

**Juan D. Martinez Pineda** - Silo-Breaker

11:25 - 11:40 | **CHARTING PARADISE**

**John Mack** - Artist, Author, Thought Leader

11:40 - 11:55 | **LAWS OF THE WILD**

**Onkuri Majumdar**, PhD - Wildlife Conservationist

11:55 - 12:10 | **MEDICINE FOR THE MOON, MARS , AND BEYOND**

**Shawna Pandya** - Space Medicine

12:10 - 12:20 | **ZERO-G, MAKING SPACE ACCESSIBLE FOR ALL**

**Matt Gohd** - Zero G Flights

12:20 - 12:40 | **HORIZONS A 21ST CENTURY SPACE ODYSSEY**

**Brian Cox**

12:40 - 12:50 | **Official Closing Session**

**António Costa Silva** - Minister of the Economy of Portugal





**July 7 - DAY 4**

GLEXSUMMIT.COM

**DIGITAL  
PROGRAM**

# July 7 (Thursday)

## DIGITAL PROGRAM

15:30PM (Azores, GMT)

GLEXSUMMIT.COM

Welcome with **Richard Garriott**, President of the Explorers Club.  
A **GlexSummit** Journey brought to us from 2019 to new digital presentations

15.30

## 2019

### EXPLORATION: PAST, PRESENT, FUTURE - FROM MAGELLAN TO MARS

Moderator: **Luis Araújo**, President of Turismo de Portugal

- **José Manuel Núñez de la Fuente**, Author and Magellan expert
- **Laurence Bergreen**, Author of Magellan Biography
- **Dr. James Garvin**, NASA Chief Scientist
- **Dr. João Paulo Oliveira e Costa**, Professor at Universidade Nova de Lisboa

### EXPLORATION TO CHANGE THE WORLD

- **Dr. Bertrand Piccard**, Pilot of Solar Impulse and Balloonist

### FUR, FEATHER AND FINS: ANCIENT EGYPTIAN ANIMAL MUMMIES

- **Dr. Salima Ikram**, Archaeologist American University

## 2021

### Ocean Rise

Moderator: **Ted Janulis**

**James Cameron**

**Ray Dalio** – OceanX

### Unity in Space

Moderator: **Richard Garriott**

**Danica Remy**

### A Reason to Love Bats

**Dr. Rodrigo Medellín**

## 2022

### DIGNITY & TRUTH: THE BUFFALO SOLDIERS PROJECT

**Erick Cedeno**

### SAILING THE POLAR HIGHWAYS

**Ignacio Oficialdegui**

### STALKING FANTASTIC CREATURES IN THE DARK

**Edie Widder**

### OCEANO SEM LIMITES | DOCUMENTARY

**Nuno Sá**



## Credits

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### THE GLEXSUMMIT EXECUTIVE COMMITTEE

<b>Richard Wiese</b>	Co-Chair of The GlexSummit
<b>Milbry Polk</b>	Co-Chair of The GlexSummit
<b>Richard Garriott</b>	President of the Explorers Club
<b>Nancy Rosenthal</b>	Committee member
<b>Synnove Marie Strømsvåg</b>	Committee member
<b>David Isserman</b>	Committee member
<b>Manuel Vaz,</b>	Co-Founder and Producer of The GlexSummit
<b>Will Roseman</b>	Executive Director of The Explorers Club

### THE GLEXSUMMIT EXECUTIVE TEAM

<b>Kevin Murphy</b>	The Explorers Club
<b>Brooke Vahos</b>	The Explorers Club
<b>Sérgio Oliveira</b>	Expanding
<b>Celeste Morais</b>	Expanding
<b>Paula Moreira</b>	Expanding
<b>Inês Morgado</b>	Expanding
<b>Luis Benard</b>	Expanding
<b>Francisca Pinto</b>	Expanding

### Special Thanks

Azores Regional Government  
Tourism of Portugal  
Portugal Space  
Axiom Space  
Magalhaes500.pt  
ZeroG Flights  
Rolex  
Discovery+  
Lexus  
CNN Portugal  
Municipality of Ponta Delgada / São Miguel Island  
Municipality of Horta / Faial Island  
Grupo Bensaude  
Nasa Goddard  
Wine Azores Company  
Atelier do Caractere  
Laurence Bergreen  
Leonídio Ferreira  
Jorge Aguiar  
Jose Manuel Marques  
Luis Capdeville Botelho  
Raquel Matos Cruz  
Rosa Costa  
Rui Bettencourt





Organization:



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