



GLOBAL SUMMIT

2021

# Frontier Stage

2 | 3  
DECEMBER



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day 1

## **PANEL**

### THE FUTURE OF PRODUCTION

**Massimiliano Moruzzi** - Head of Research & Development at Augmenta AI

**Massimo Portincaso** - Deep Wave Ventures

## **KEYNOTES**

### REGENERATIVE INDUSTRIES & SUSTAINABLE MATERIALS

#### **Scaling the circular bioeconomy**

**Jens Klein** - CEO at Origin Bio

#### **The untapped potential of microorganisms to recycle our electronic waste**

**Sebastien Farnaud** - Associate Professor in Biomedical Science at Coventry University

#### **Will future homes be made of living fungus?**

**Maurizio Montaldi** - CEO at Mogu

## **LUNCH** 12:30PM - 2PM

## **KEYNOTES**

### BUILDING SUSTAINABLE FOOD SYSTEMS

#### **Solving the palm oil problem with fermentation**

**Shara Shiku** - CEO & Co-Founder at C16 Biosciences

#### **Making fertilizers sustainable**

**Marta Hatzel** - Associate Professor at Georgia Institute of Technology

## **NETWORKING / EXHIBITION BREAK** 3PM - 4PM

### **PANEL**

#### CARBON DIOXIDE REMOVAL: CREATING CARBON SINKS

##### **Decarbonising our future with scalable capture, storage and utilisation**

**Jan Wurzbacher** - Director, Founder and Member of the Board at Climeworks

**Bryony Worthington** - Member of House of Lords of the United Kingdom

**Eli Mitchell-Larson** - Researcher at University of Oxford

**Benjamin Tincq** - Founding Partner of Build a Climate Startup

### **KEYNOTE**

#### TOWARDS SUSTAINABLE COMPUTING

##### **Bio-inspired computers**

**Julie Grollier** - Research Director at CNRS

### **KEYNOTE**

#### CLEANER AND SCALABLE ENERGIES

##### **Next-gen nuclear is coming**

# Frontier Stage

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## **KEYNOTE**

### PERSONALIZED MEDICINE & DIGITAL HEALTH

#### **Data-driven medicine: from dream to reality**

**Jurgi Camblong** - Co-founder & CEO at Sophia Genetics

## **KEYNOTES**

### PUSHING FORWARD NEUROSCIENCE

#### **Restoring movement after spinal cord injury: the promise of neurotechnology**

**Jocelyne Bloch & Grégoire Courtine** - Co-Founders at Onward

#### **Personalised brain therapy, a game changer for neuroscience**

**Ana Maiques** - Co-Founder at Neuroeletrics

## **KEYNOTE**

### LATEST ADVANCES AND SOLUTIONS EXPLORING HUMAN BRAIN

#### **Exploring the key drivers and limitations of brain reorganisation**

**Tamar Makin** - Professor in Cognitive Neuroscience at UCL

## **FIRESIDE CHAT**

### DNA TECHNOLOGIES REVOLUTIONIZING THE FUTURE OF MEDICINE

#### **The CRISPR revolution: at the forefront of gene-based medicines**

**LUNCH** 12:30PM - 2PM



## **KEYNOTES**

### GREENER MOBILITIES AND URBAN ENVIRONMENTS

#### **Putting AI in the driver's seat: A 360° view on the future of mobility.**

**Carlo van de Werijer** - General Manager of Eindhoven AI Systems Institute at Eindhoven University of Technology

#### **Building the batteries of our future with magnetic resonance**

## **KEYNOTES**

### AIMING FOR NET ZERO AVIATION

#### **Hybrid air vehicles to enable zero-carbon flights**

**Tom Grundy** - CEO at Hybrid Air Vehicles

#### **Transitioning to a net-zero aviation industry**

## **KEYNOTES**

### DEMOCRATIZING SPACE ACCESS

#### **Embarking on commercial space access with orbital launch vehicles**

**Daniel Metzler** - Co-Founder and CEO at ISAR Aerospace

#### **A new class of satellites: the growing search for habitable exoplanets in our galaxy**

## **NETWORKING / EXHIBITION BREAK**

#### **Hello Tomorrow Global Challenge Finale**