

### **HORIZONS**

Re-Envisioning Business, Society & Self in the 21st Century

# "The world is idea."

—Arthur Schopenhauer



TWIN GLOBAL 2018 GUIDEBOX IN COLLABORATION WITH EXPO CHICAGO AND PACE GALLERY NYC.





### WELCOME

At TWIN Global 2018 we endeavor to enable your missions as you do ours—building a truly global community of trust.

Where we look inclines and circumscribes what threats and opportunities we discover. Day-to-day concerns compel myopia. It takes discipline to step back, look far and select paths to futures we desire. At TWIN Global 2018, we'll explore horizons from the edges of Earth and beyond, to our distant past and far futures.

The first two images in this year's TWIN GuideBox offer both vessels and anchors for our journey. Casper David Friedrich's *Wanderer* presents an individual atop a summit surveying the distance in time and space. Emblematic of the Romantic Era, and one of my favorite images, the piece for me embodies humanity's drive to explore, create, scale, even conquer, in context of far more beyond our control. The enormity of the space surrounding the protagonist—perhaps ourselves—suggests our insignificance against the powers of nature and the need for humility and reverence.

The image from the Chauvet Cave, site of the oldest known cave paintings, reflects for me a moment the lights of awareness and self-reflection intensified in our ancestors. Who was the first individual—and at origin it was an individual—who lifted charcoal or ochre to form an image

of the world, reflective, idealized, defining and affirming the self in context of a wider universe?

Beyond—also within—any sightlines, far more looms indeterminate, intriguing, compelling, even terrifying. Until our final moment, we can expect that past current horizons lie many more. It is our choice and challenge to remain aware and navigate as best we can.

We aspire that here at TWIN Global you'll advance your journeys in satisfying, invigorating, perhaps unexpected ways. Blessings for your expedition these few days and beyond.

To the Future,

Robert C. Wolcott

Co-Founder & Chairman

The World Innovation Network (TWIN)





FOAM (C. 2013)

KOHEI NAWA

COURTESY PACE GALLERY
INSTALLATION VIEW, AICHI TRIENNALE 2013, AICHI

PHOTO: NOBUTADA OMOTE | SANDWICH

### THANK YOU TO OUR SPONSORS

FORESIGHT PARTNERS







PROGRAM PARTNER





INSIGHT SPONSORS













MISSION PARTNERS













**TEAM SPONSORS** 









































ROBERT C. WOLCOTT
Co-Founder & Chairman
TWIN
Managing Partner
Clareo



Independent Director
Willis Towers Watson
HollyFrontier
Kraton Corporation
Alzheimer's Association



LEE SHAPIRO

Co-founder and Managing Partner
7wireVentures



Managing Partner
Clareo
Board Chair



JOCELYN CORTEZ YOUNG
Managing Partner
Minerva Capital Group



HOWARD A. TULLMAN
Illinois Institute of Technology
University Professor and
Executive Director
Kaplan Institute
General Managing Partner
G2T3V, LLC
Chicago High-Tech Investment Partners



RAARINA KOSKENALUSTA
Partner/Shareholder
SandPointe Asset Management, LLC
Partner
Global Initiatives Partners, LLC





"Civilization must be judged and prized, not by the amount of power it has developed, but by how much it has evolved and given expression to, by its laws and institutions, the love of humanity."

-Rabindranath Tagore





### **CHALLENGE SESSION**

Automation & the Future of Work

The Future of Work session will explore the rapidly changing landscape of work given the proliferation of automation and the democratization of work.

We will discuss the organizational transformation imperative and the evolving role of various stakeholders including government, society, labor market intermediaries, education and NGOs. This interactive session will discuss the emerging decision making frameworks, develop a manifesto and a series of action steps.

### PARTICIPANTS INCLUDE:

### **JOHN BREMEN**

Managing Director
Willis Towers Watson

### SUMEET BHATIA

**Head of Innovation**Zurich NA

### **GARY BOLLES**

Partner

Charrette LLC

**Chair, Future of Work** Singularity University

### CHRIS GEBHARDT

CE

Stir Strategy and Story

### **RAVIN JESUTHASAN**

**Author and Managing Director**Willis Towers Watson

### SESSION DESIGNERS:

RAVIN JESUTHASAN GARY BOLLES CHRIS GEBHARDT

### LEAD SPONSOR

Willis Towers Watson

SUPPORTING SPONSOR



### Rafael Lozano-Hemmer

Solar Equation Relational Architecture 16 (2010) PACE

SOLAR EQUATION RELATIONAL ARCHITECTURE 16 (C. 2010)

RAFAEL LOZANO-HEMMER

PACE GALLERY NEW YORK CITY

### CHALLENGE SESSION

The Future of Mobility—Electric, Autonomous and Shared

Advances in technology and business models for electric vehicles, autonomous vehicles and ride hailing services have the promise to redefine mobility for people and goods worldwide.

Yet many challenges remain on the road to new mobility—from consumer and commercial fleet acceptance, to states and cities concerned about consequences, to electric utilities seeking to anticipate and respond to impacts on the grid. This TWIN Challenge Session, sponsored by Exelon with support from Bosch, charts paths forward, encouraging greater collaboration across stakeholders.

#### PARTICIPANTS INCLUDE:

#### **JOHN KWANT**

Vice President, City Solutions
Ford Motor Company

### **SUNNY ELEBUA**

Vice President, Corporate Strategy
Exelon

#### SERGEJ MAHNOVSKI

Director, Growth and Innovation
Edison International

#### MATT PETERSEN

President and CEO
Los Angeles Cleantech Incubator

#### MARK WERWATH

Clinical Associate Professor Northwestern University

#### LEAD FACILITATOR:

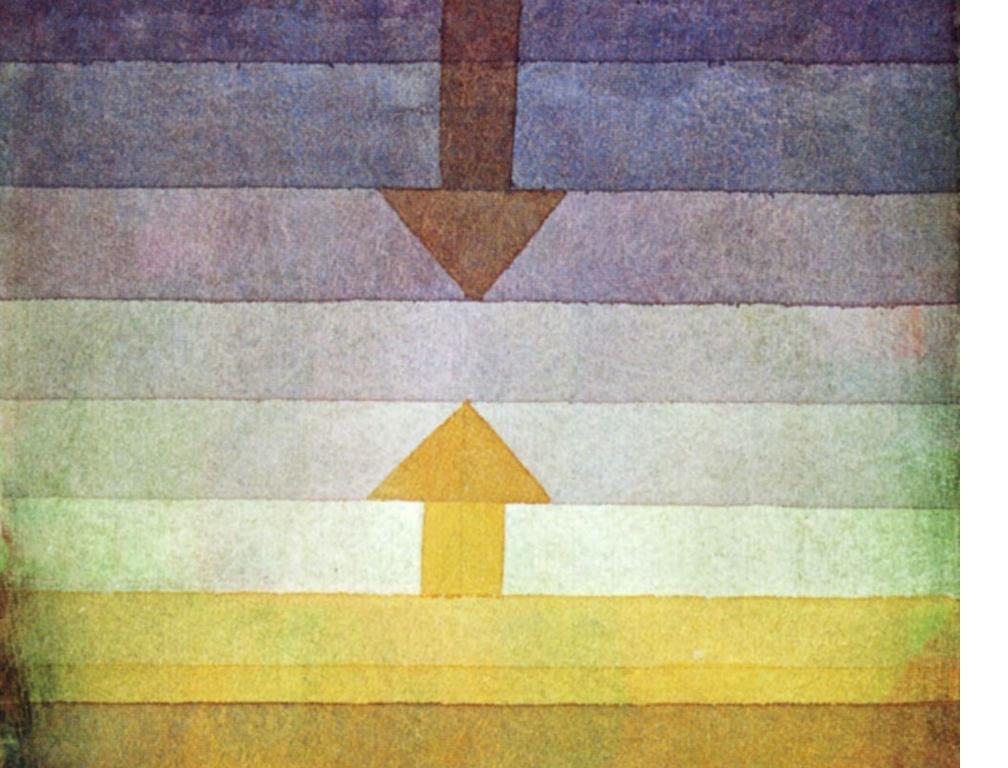
PAUL DONNELLAN

**Partner** Clareo LEAD SPONSOR



SUPPORTING SPONSOR





### **CHALLENGE SESSION**

## Diversity & Inclusion in the Resources Industry

### The production of mineral commodities is vital for our future world.

Mining exists amidst communities. Inclusive and diverse communities and businesses are stronger and healthier, yet there has been limited engagement on how to create inclusion bridging communities and mines to advance economic and social progress.

This global dialogue seeks to catalyze new conversations about inclusion and diversity.

This DPI global dialogue will convene diverse and unexpected stakeholders, from within and outside of the industry, to explore how mining can partner with other sectors/industries and key stakeholders to catalyze inclusion that creates diverse, healthy and prosperous mines and communities.

### PARTICIPANTS INCLUDE:

### **CHICO TILLMON**

Executive Director, Youth Safety and Violence Protection YMCA Chicago

### **VERONICA NYHAN JONES**

Global Head of Advisory Services
Infrastructure and Natural Resources
International Finance Corporation

### LANA EAGLE

Member of Whitecap Dakota First Nation Saskatchewan

### **NAADIYA MOOSAJEE**

Civil Engineer

**Co-Founder** Womhub

### SHEILA KHAMA

Global Practice Manager Energy and Extractive Industries Global Practice

The World Bank

### LIZ DOUGLAS

**Head of Inclusion and Diversity**Anglo American

### PAUL SCHMIDT SCHROTH

**Human Resources** 

Torex Gold

### LEAD SPONSOR









DAY ONE | THE MERCHANDISE MART, CHICAGO

### **SUMMIT AGENDA:** TUESDAY, SEPTEMBER 25

Participation confirmed in advance

9:00 AM - 3:00 PM

PRE-SESSIONS

CHALLENGE SESSIONS

Electric & Autonomous Vehicles, easing the transition Sponsored by Exelon

Automation & the Future of Work Sponsored by Willis Towers Watson

Diversity & Inclusion in the Global **Resources Industry** Hosted by DPI

3:00 PM - 3:30 PM

**BREAK & TRANSITION** 

### OFFICIAL OPENING OF **TWIN GLOBAL 2018**

Marshall's Landing, The Merchandise Mart

3:30 PM - 4:00 PM

WELCOME & OUR JOURNEY TOGETHER

### What are Horizons and why should we care?

**Robert C. Wolcott** 

Co-Founder & Chairman TWIN

**Marshall Davis Jones** 

Spoken Word Artist

**Brian Collins** 

Founder & Chief Creative Officer COLLINS

4:00 PM - 4:30 PM

**OPENING KEYNOTE** 

### Government at the Speed of Trust

John Hickenlooper

State of Colorado

Governor Hickenlooper has been a key part of our group for years, having initiated our affiliate, the Colorado Innovation Network (COIN), after his first visit with us in 2010. During his two terms as Mayor of Denver and two terms as Governor, John Hickenlooper has advanced new forms of engagement between public and private entities. More broadly, he'll address the fundamental issue of trust in our society.

4:30 PM - 4:50 PM

### **BUSINESS & MISSION** Profit and Purpose: An Oxymoron?

**Todd Tillemans** 

President

The Hershey Company

**Anne Black** 

President

Goldman Sachs Gives Goldman Sachs

INTERLOCUTOR

**Peter Bryant Managing Partner** 

Clareo

TWIN Co-Founder

Horizons have to do with not only what we see, but what we aspire to create. TWIN co-founder Peter Bryant will lead a discussion with two executives at the forefront of this question for business

4:50 PM - 5:15 PM

and society.

MISSION

### Our Future from the Ends of the Earth

**Barney Swan** 

Polar Explorer

Robert Swan, OBE

**Polar Explorer** 

2041

Polar explorer Robert Swan returned for a walk to the South Pole this year, this time with his son, Barney. They walked from the coast to the Pole supported entirely by renewable energy. As go the poles, so goes the planet.

5:15 PM - 6:00 PM

SHARE YOUR VISION, CHANGE OUR WORLD.

6:00 PM - 8:00 PM

RECEPTION & DINNER

8:00 PM - 9:00 PM HORIZONS: OUT OF THIS WORLD

> SPACE! Barbara Belvisi

**Entrepreneur and Venture Investor** 

GARDEN OF EARTHLY DELIGHTS (C. 1480-1505)

HIERONYMUS BOSCH

MUSEO DEL PRADO MADRID

Founder

The Hardware Club

(France)

**Dorit Donoviel** 

Associate Professor & Director Translational Research Institute for

Space Health (TRISH)

Baylor College of Medicine

NASA funded research consortium with CalTech & MIT

Naveen Jain

Serial Entrepreneur

Space Investor

**Board Member** 

X Prize & Singularity University

**Dante Lauretta** 

Principal Investigator

NASA's OSIRIS-REX Asteroid Mission

**Professor of Planetary Science** 

University of Arizona

9:00 PM - JE NE SAIS PAS

TWIN AFTER HOURS

Join fellow TWINians for cocktails. conversation and who knows what else at our event hotel bar, the Hyatt Centric, or explore Chicago's wide nightlife horizons—but be ready to re-engage at 8:30 am!





DAY TWO | MCA AUDITORIUM

WEDNESDAY, SEPTEMBER 26

### RED JASPER AMULET OF THE SUN ON THE HORIZON (664-630 B.C.) EGYPTION, LATE DYNASTIC-HELLENISTIC

METROPOLITAN MUSEUM OF ART NEW YORK CITY

### Horizons: Global Constellations

8:30 AM - 8:40 AM

**DAY TWO WELCOME & REFLECTIONS** 

8:40 AM - 9:10 AM

#### TRIALOGUE

The EU and US relationship represents one of the world's pivotal alliances.

Meanwhile, geopolitical challenges from national politics to the Russian Federation's renewed active engagement in global affairs require adjustment and evolution.

Esko Aho and Grzegorz Kołodko have played pivotal roles for years in the midst of shifting European horizons.

Their interlocutor, Sam Potolicchio, leads elite public affairs programs in the US and Russia.

#### Esko Aho

Prime Minister (1991–1995) Republic of Finland

#### Grzegorz Kołodko

**Distinguished Professor of Economics** Kozminski University

Deputy Prime Minister and Finance Minister (1994–1997, 2002–2003) Republic of Poland

#### INTERLOCUTOR

### Sam Potolicchio

McCourt School of Public Policy
Georgetown University

### Distinguished Professor of Political Communications

Russian Presidential Academy (US and Russia)

9:10 AM - 9:30 AM

### THE VIEW FROM CHINA

### Innovation in China: Rise & Transform

### **Haisong Tang**

Innovation Advisory Board Kering

(China & France)

9:30 AM - 10:00 AM

### A STAR RISES

### Bangladesh: Vision 2030 and Beyond

### **Sayed Ferhat Anwar**

**Professor, Institute of Business Administration**University of Dhaka

### **Anir Chowdhury**

Policy Advisor to the Prime Minister
People's Republic of Bangladesh

#### **Munawar Misbah Moin**

Group Director RahimaFrooz (Bangladesh)

#### **Mamun Rashid**

Managing Partner
PWC Bangladesh

Former CEO Citibank Bangladesh

### 10:00 AM - 10:20 AM

### HORIZONS... ACROSS DIVIDES Birds of Peace

#### Yossi Leshem

#### Professor of Ornithology

George S. Wise Faculty of Life Sciences School of Zoology Tel Aviv University (Israel)

### **Alexandre Roulin**

#### Professor

Department of Ecology & Evolution University of Lausanne (Switzerland)

Finding new paths to peace. Yossi Leshem and Alexandre Roulin will share one of the most distinctive and impactful initiatives to bring understanding to a complicated region—with barn owls.

10:20 AM - 10:40 AM

#### BREAK

### Digital Horizons: Enterprise & Society

10:40 AM - 11:10 AM

### Incumbents Strike Back

### Emmet Keeffe III

### Partner & Founder

Insight Ignite
Insight Venture Partners

#### **Jesus Mantas**

Managing Partner, Cognitive Assets and BGS Ventures Head of Strategy, Global Business Services, IBM

### **Toby Redshaw**

SVP, 5G Ecosystems, Innovation and Product Development

Verizon

TWIN Co-Founder

#### **MODERATOR**

### **Mohan Sawhney**

### McCormick Foundation Chair of Technology

### **Clinical Professor of Marketing** Kellogg School of Management

Northwestern University

The simplistic version of innovation

The simplistic version of innovation is that the startups defeat the incumbents. Reality is more nuanced. How can incumbents thrive through transitions to digital leadership? **Special thanks to IBM** for their support of this topic.

#### 11:10 AM - 11:30 AM

#### DIGITAL HORIZONS: SOCIETY

### Automation & the Future of Work

#### **Gary Bolles**

Chair for the Future of Work Singularity University

Partner, Charrette LLC

### **John Bremen**

Managing Director
Willis Towers Watson

### Ravin Jesuthasan

Managing Director
Willis Towers Watson

### **SUMMIT AGENDA:** WEDNESDAY, SEPTEMBER 26

Stephanie Pace Marshall

Founding President Emerita

Illinois Math and Science Academy

INTERLOCUTOR

**Chris Gebhardt** 

**CEO** Stir Strategy

11:30 AM - 12:00 PM

SOLUTIONS FOR TRANSFORMATIVE CHANGE

Glen Weyl

Senior Researcher Microsoft Research

**Co-Author** Radical Markets

**Andrew Yang** 

**Presidential Candidate, 2020**Silicon Valley Entrepreneur

MODERATOR

**David Kirkpatrick** 

Founder & Editor-in-Chief

Techonomy

and trust in institutions—even the foundations of our democracy—descends, courageous individuals seek new solutions.

As automation threatens to displace jobs

12:00 PM - 12:20 PM

HORIZONS OF LIFE

Artificial Life: In Our Lifetimes

Steen Rasmussen

Professor of Physics

Director, Center for Fundamental Living Technology (FLinT)

University of Southern Denmark

External Research Professor Santa Fe Institute (Denmark)

Kristina Korsholm

Actor, Author & Online Show Host (Denmark)

Steen Rasmussen is one of the world's pioneers in artificial life, applying materials and information technology to generate living, evolving entities. It's closer to reality than you might think, and Steen and his daughter, Kristina Korsholm, explore what this might mean for how we live and understand our lives.

12:20 PM - 12:30 PM

ONWARD!

Robert C. Wolcott
Co-Founder & Chairman

TWIN

12:30 PM - 2:00 PM

LUNCH

CONCURRENT
OF LIFE BREAKOUT SESSIONS

Track One:
MAKING TECHNOLOGY WORK

Location:

**CROWN FAMILY ROOM** 

2:00 PM - 3:15 PM

Making Al Work for Business and Human Beings

Sponsored by: Northern Trust Corporation

Join a panel of researchers and business leaders in the middle of understanding how AI can best apply to enhancing our businesses and lives—and how we might change in the process.

Larry Birnbaum

Professor of Electrical Engineering & Computer Science

Northwestern University

**Moran Cerf** 

Assistant Professor of Neuroscience & Marketing Kellogg School of Management

Northwestern University

**Jesus Mantas** 

Managing Partner, Cognitive Assets and BGS Ventures

Global Head of Strategy, Global Business Services IBM **Toby Redshaw** 

SVP, 5G Ecosystems, Innovation and Product Development

Verizon
Tom South

Head of Technology Solutions
Northern Trust Corporation

Elizabeth Spenko

Senior Vice President, Director of The Northern Lab
Northern Trust Corporation

MODERATOR

**David Kirkpatrick** 

Founder & Editor-in-Chief
Techonomy

3:15 PM - 3:45 PM

BREAK

3:45 PM - 5:00 PM

The Doctor of the Future

Sponsored by: Alcon & Surgivision

From Al, computer vision and additive manufacturing to evolving definitions of wellness, the role of physicians and caregivers will change markedly in the future.

Archelle Georgiou, M.D.

KSTP-TV

**Health Expert** 

President, Georgiou Consulting

Board Member, Tivity Health

DAY TWO | MCA AUDITORIUM

### WEDNESDAY, SEPTEMBER 26

Sam Glassenberg

Founder & CEO

Level Ex

Alex Hurd

Senior Director, Wellness Walmart

Guy Kezirian, M.D.

Founder & CEO Surgivision

**Board Member** Cure Blindness

Geoffrey Ling, M.D., Ph.D.

Professor of Neurology and Attending Physician Johns Hopkins University

CEO

Ling and Associates

Former Director, Biological Technologies Office DARPA

MODERATOR

Lee Shapiro

Partner
7wire Ventures

TWIN Co-Founder

CONCURRENT
BREAKOUT SESSIONS

Track Two:
HORIZONS OF GLOBAL DEVELOPMENT

Location:

THIRD FLOOR BOARD ROOM

2:00 PM - 3:15 PM

Investing in Sub-Saharan Africa: Frontiers of Growth

In addition to being the largest continent by landmass, Africa also includes a broad array of nations, cultures, economic and government systems. Join experts building growth opportunities across the continent.

**Euler Bropleh** 

Managing Director
VestedWorld (Kenya and USA)

**Karim Shariff** 

Founder & Managing Partner
Majlis Investment Management

Kimmie Weeks

(United Arab Emirates)

Founder & CEO

Youth Action International (Liberia)

MODERATOR

Wendy Tyrrell
Executive Director

Development Partner Institute

3:15 PM - 3:45 PM BREAK

Location:
THIRD FLOOR BOARD ROOM

3:45 PM - 5:00 PM

Nourishing the World: Exponential Challenges, Exponential Technologies

Sponsored by: Daabon and Griffith Foods

Jack Bobo

Vice President, Global Policy & Government Affairs

Intrexon

Senior Advisor, Global Food Policy (2002–2015)

US Department of State

Diana Horvath

President & Co-Founder 2Blades Foundation

John Power

President & Senior Advisor LSC International

MODERATOR
Scott Bowman

Managing Partner Clareo CONCURRENT
BREAKOUT SESSIONS

Track Three:

2:00 PM - 6:00 PM

**Synchronicity Tent** 

While others deep-dive into breakout sessions, spend time with fellow delegates in our Synchronicity Tent, just outside the MCA's back door. As we say—never leave serendipity to chance!

6:00 PM - 7:45 PM

RECEPTION & DINNER

Join us for a casual, no-program dinner... where the real magic happens. Make sure you sit with some TWINians whom you haven't met.

7:45 PM - 8:00 PM

TRANSITION TO MCA AUDITORIUM

8:00 PM - 9:30 PM

ETUDES FOR INNOVATION, OPUS 10

9:30 PM - 11:30 PM

TWIN GLOBAL AFTER HOURS

Join us for cocktails and conversations, and enjoy the MCA's collection, open exclusively for us this evening. (Please do not take drinks into galleries.)



### **SUMMIT AGENDA:** THURSDAY, SEPTEMBER 27

### Our Lives in Emerging Horizons

8:45 AM - 9:00 AM

### **CREATING VIRTUAL EXPERIENCES**

**David Wallace Haskins** 

VR Artist

DWH Studio

9:00 AM - 9:30 AM

#### HORIZONS OF PURPOSE

Philip Kotler

SC Johnson Professor of Global Marketing

Kellogg School of Management Northwestern University

**Harry Kraemer** 

**Executive Partner** 

Madison Dearborn Partners

Clinical Professor of Leadership

Kellogg School of Management

**Denise Young Smith** 

Executive-in-Residence

Cornell Tech

Former SVP for Talent
Apple

INTERLOCUTOR

Robert C. Wolcott

Co-Founder & Chairman

TWIN

We're blessed to be joined by three of the world's most purposeful, values-driven leaders. Phil Kotler, a founder of the field of modern marketing, and Harry Kraemer, former CEO of Baxter and an Executive Partner with one of America's largest private equity organizations, have been with TWIN for years. Welcome Denise Young Smith, formerly worldwide head of talent for Apple.

9:30 AM - 9:50 AM

VIEW FROM THE LABS

Marcus Weldon

President Bell Labs

сто

Nokia

Some of the seminal discoveries and inventions of the computer age arose from Bell Labs. Today part of Nokia, CTO Marcus Weldon will share some of the astounding new directions underway. **Special thanks to Nokia Bell Labs** for their support throughout TWIN Global 2018.

9:50 AM - 10:10 AM

HORIZONS:
WELLNESS & PERFORMANCE

**Andreas Caduff** 

Biovotion AG (Switzerland)

**Brad Chedister** 

Warfighter Systems Architect
The Charles Stark Draper Laboratory

From real-time health monitoring to cybernetic enhancements. Being human will never be the same.

10:10 AM - 10:25 AM

FROM DARPA TO LIFE

**Geoffrey Ling** 

Professor of Neurology and Attending Physician Johns Hopkins University

---

Ling and Associates

Geoffrey Ling led the US Defense
Advanced Research Projects Agency's
(DARPA) efforts in Biological Technologies.
Since then, Dr. Ling has been taking
transformative technologies to
market. He'll share technologies with
the potential to fundamentally change
the entire pharmaceutical industry—
and how we address public health
challenges and disasters.

10:25 AM - 10:40 AM

DESIGNING THE FUTURE

Martin Wezowski

Chief Designer & Futurist

SAP

(Germany)

Martin Wezowski not only explores the future for SAP and their clients, but also considers how design can help us create the futures we desire.

10:40 AM - 11:00 AM

BREAK

### TWINGLOBAL.ORG #TWINGLOBAL @TheWorldInnovationNetwork

DAY THREE | MCA AUDITORIUM

### THURSDAY, SEPTEMBER 27

### Post-Virtual Horizons: Art & Life. Life As Art

11:00 AM - 11:30 AM

VR+... AND BEYOND

**Rosario Casas** 

Founder & CEO VR Americas (Colombia)

Julian Dibbell

Mayer Brown LLP

Former Contributing Editor Wired

Sam Glassenberg

CEO & Founder

Level Ex

Julian Dibbell followed developments in technology and society for Wired Magazine for years. He'll help us put current VR+ developments into context. Sam Glassenberg and Rosario Casas

Sam Glassenberg and Rosario Casas are bringing VR+ technologies to the worlds of entertainment, gaming, healthcare and beyond.

11:30 AM - 11:50 AM

**HORIZONS OF ART & LIFE** 

Peter Boris

**Executive Vice President** PACE Gallery

Parmenides, Heraclitus and Contemporary Art

Peter Boris has spent his career discovering and advocating for contemporary art. Peter will share some thoughts about where the visual arts might be going, how technology changes the game—and what will likely remain constant.

11:50 AM - 12:20 PM

TOWARD OUR POST-VIRTUAL WORLD

**Moran Cerf** 

Neuroscientist

Assistant Professor of Neuroscience & Marketing

Kellogg School of Management Northwestern University

Founder B3

Lone Frank

Science Writer
Weekendviesen

Author

Pleasure Shock & My Beautiful Genome (Denmark)

Michael Schrage

Research Fellow

MIT Initiative on the Digital Economy Visiting Fellow, Imperial College (UK)

MODERATOR

Robert C. Wolcott Co-Founder & Chairman 12:20 PM - 12:40 PM

TO THE EIGHTH CONTINENT

The Moon, Our Future on Earth... and Beyond

**Bob Richards** 

CEO Moon Express

.....

12:40 PM - 1:00 PM
TO THE FUTURE...

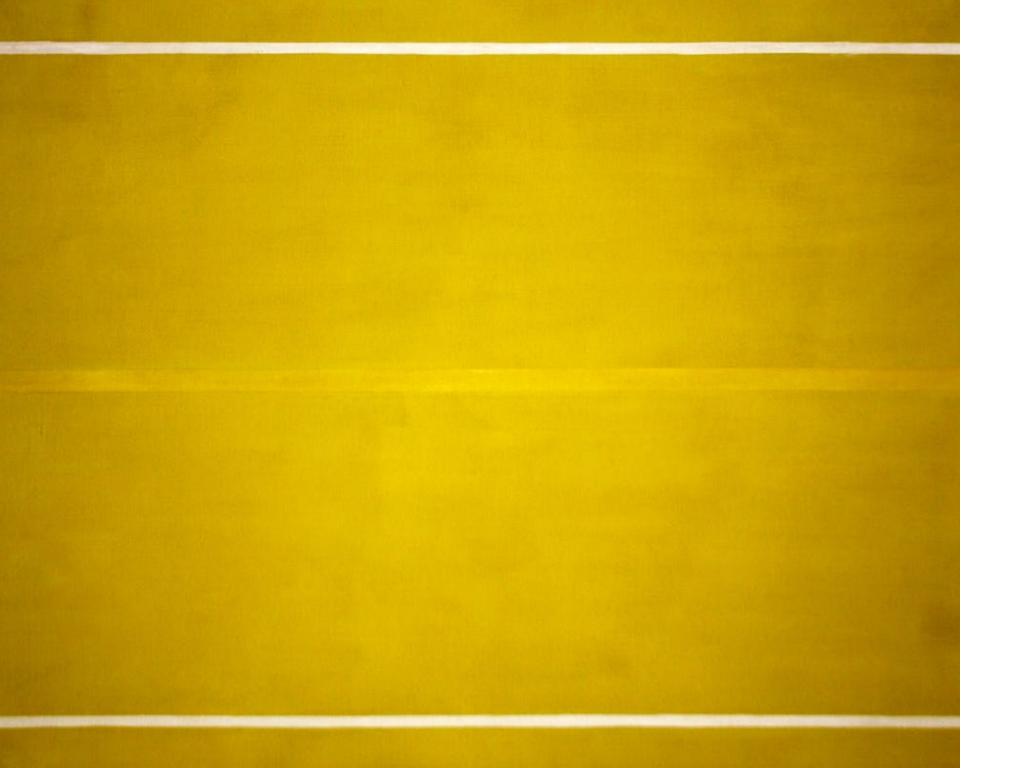
Marshall Davis Jones
Spoken Word Artist

Co-Founder & Chairman

Robert C. Wolcott

TWIN

Following TWIN Global, join us for the VIP Opening of EXPO, Chicago's annual international contemporary art show. A light lunch will be included at the EXPO.



YELLOW PAINTING (1949), 90° ROTATED IMAGE

BARNETT NEWMAN

THE NATIONAL GALLERY OF ART

WASHINGTON, D.C.

### **ETUDES FOR INNOVATION, OPUS 10**

Co-hosted by Rob Wolcott and TWIN Creative Director Jeffrey Ernstoff

As the annual arts component of TWIN Global, *Etudes for Innovation* is a 90-minute informance showcasing innovative performing artists, technology and aesthetic theories—all to inform our thinking in areas beyond the arts. As in previous editions that have presented many Emmy, Grammy, and Tony nominees and winners, Etudes Opus 10 will feature outstanding international solo and ensemble performers, drawn from the worlds of state-of-the-art technology, jazz, contemporary and innovative classical compositions, socio-aesthetic perspectives and more.

LIST OF PERFORMERS:

**ROB THE DRUMMER** 

YUMI KUROSAWA (koto)

(woodwinds)

JEFFREY ERNSTOFF

THE MATTHEW WHITAKER TRIO

Matthew Whitaker (keyboards)
Sipho Kunene (drums)

Ted Morcaldi III (guitars)

**RONAN TYNAN** 

(tenor)

with Bill Lewis (piano accompanist)

And other special guests





# "Invention, it must be humbly admitted, does not consist in creating out of void but out of chaos."

-Mary Wollstonecraft Shelley



### TRY TO SECURE LARGER IMAGE?



### **TWIN TEAM**



ROBERT C. WOLCOTT **Executive Producer & Host** Co-Founder & Chairman



**BRIAN STEVENS** Director **Audio Visual Production** 



VERONICA BECKMAN Speaker Logistics



JENNIFER ANDRADE Co-Producer TWIN Global 2018

**Creative Director** 

TWIN Global 2018



**BRYAN CAMPEN** Director Communications



**ESTHER LI Event Coordinator** 





HEATHER CROSBY Director Art & Design



SONIA COMAN Curator TWIN Global 2018 GuideBox



**ARI GARBER** Director Operations





# "Vision is the art of seeing what is invisible to others."

-Jonathan Swift



### **ABOUT TWIN**

The World Innovation Network (TWIN) is a 'network of networks' for on-going collaboration across sectors and geographies.

Founded in 2003, TWIN promotes trust and innovation-led growth for our corporate, non-profit and government members, and value for society-at-large.

Through our pillars—Community, Discovery, Synchronicity, Impact—we enable our network from over 25 countries to advance their missions and our shared global prosperity agenda.

YOUR HOST:

ROBERT C. WOLCOTT
Executive Producer & Host
Co-Founder & Chairman
TWIN



# ABOUT THE TWIN GLOBAL 2018 GUIDEBOX

We conceived this collection of images as a meditation on how artists from different cultures and time periods have engaged with horizons as notions and/or visual motifs. From representations of horizons in seascapes to metaphorical horizons in self-portraits, the selected images use this theme to highlight the inventiveness that characterizes their making and thereby the artist's identity. In their effective combination of message and medium, the GuideBox images are also an invitation to TWIN Global delegates to reflect on how to discover and explore their own horizons.

Sonia Coman, Ph.D.

Curator
TWIN Global 2018 GuideBox

Fellow
Smithsonian Institution

**SONIA COMAN** 

Co-Curator

**ROBERT C. WOLCOTT** 

Co-Curator

**HEATHER CROSBY** 

Design

JENNIFER ANDRADE

Producer

**DEBBIE PAGE** 

Production

Special thanks to **Tony Karman of EXPO Chicago** and **Peter Boris of Pace Gallery** for the opportunity to feature some of the world's most exceptional living artists.

