

CME Gives Industry a Voice at IEF for 2030 Global Energy Transition

2023.06.07 • Conference in Paris, France



The 72-member-country International Energy Forum invited leading policy makers and senior energy and climate risk thought leaders to strengthen energy and climate security, reach sustainable development and emission reduction goals by 2030, and focus on the next 18 months. Shah Karim, SafeRock CEO and CME Officer, had the privilege to lead the committee on energy transition and financial market stability.

IEF-GARP - Paris





CME Gives Industry a Voice at IEF for 2030 Global Energy Transition

The distinguished 72-member-country International Energy Forum (IEF) and the Global Association of Risk Professionals (GARP) convened the Second IEF-GARP Global Energy Risk Forum on 7 June 2023 in Paris, France. The Forum invited leading policy makers and senior industry thought leaders such as Shah Karim, SafeRock CEO and CME Officer, who joined the IEF's Industry Advisory Committee and led discussions on energy transition and financial market stability to reach sustainable development and emission reduction goals by 2030 and focusing on the following key issues:

1. Ensuring Energy Stability During the Transition
2. Transformative Trends in Energy Supply and Demand
3. Socially Responsible Business Practices
4. Grid Transition to Ensure Reliability, with Lower Energy and Emissions.



Invited participants discussed energy security in the midst of climate change. This deep dialogue explored key themes from the inaugural session that IEF and GARP convened in Madrid last year. It was a privilege for CME board member to be invited to “The Home of Global Energy Dialogue” and give a voice to the CME STEM supporters who make possible events to attract the STEM Talent who will make the energy transition a reality.

CME is pleased to share these unique forward-looking insights with the executive teams of CME supporting organizations. CME global connections have important implications for corporate capital allocation, future investments for energy, petrochemical, and Industrial companies. CME thought leadership along with recognition of world-class STEM talent through CME's STEM leadership awards, NASA symposia, and American Chemical Society (ACS) programs.

Contact awards@cme-stem.org for a deeper discussion of these topics.

Schedule

June 7, 2023

IEF-GARP
Conference by
invitation only

Location

Paris, France

Event

By invitation only

Register now

www.cme-stem.org

Next Signature Event

December 8, 2023





STEM Talks

BY THOUGHT LEADERS

38th World Petrochemical Conference
20-24 March 2023 | Hilton Americas | Houston, TX

Global Chemicals Today & Tomorrow

Driving STEM diversity in the chemicals ecosystem and thought leadership in energy transition and sustainable innovation

Join the 2023 CME STEM Talks by Thought Leaders on 21 March

Don't miss the pacesetting lineup of STEM thought leaders and outstanding students selected by Chemical Marketing & Economics, Inc. (CME) to share the government, academic and industry view on solutions for sustainability that are vital in the race to reshape sustainable innovation through multi-sector partnering.

On 21 March, WPC will feature CME Officer Shah Karim at the *Fireside Chat: The intersection of climate science and economics. How can the industry manage risk?* CME STEM Talk with the award-winning Yale student Jake Heinlein who will discuss his research *From Waste to Fuel: Discovering How to Utilize a Greenhouse Gas*.

Looking into the next two decades, CME STEM Program Leader George Rodriguez will introduce the CME STEM Talk *Forward to the Moon, Mars and Beyond with Commercial Partners* featuring Dr. Doug Terrier, NASA Johnson Space Center Associate Director responsible for Vision and Strategy. As the former NASA Chief Technologist, Terrier will identify opportunities in sustainable innovation for commercial partners to exploit the resources and propel the Space Age as we write a new chapter in the history of civilization.

CME has pioneered a new and exciting STEM ecosystem in collaboration with two of the world's top STEM brands, NASA and the American Chemical Society (ACS). Since 1954, industry has counted on CME to organize events and celebrate leaders at the intersection of business, investments and technology. Established in 2012, the CME STEM Leadership Awardees include CEOs from leading companies as well as five Nobel Laureates and the heads of NASA and the Smithsonian Institution. Since 2017, the CME NASA Symposium has brought together industry, academia and government to enhance the diverse STEM talent pool, foster breakthroughs in the chemical sciences, and translate advances in space travel into new knowledge to improve the quality of life on Earth and beyond.

CME STEM Talks at WPC will be freely available to the public in the form of video recordings at: <https://www.cme-stem.org/>



Doug Terrier
Associate Director
Vision & Strategy
NASA



George Rodriguez
CME STEM Program
CME Host at WPC
Argeni Director



Shah Karim
CME Officer
SafeRock CEO
Innovation Fellow
Columbia University



Jake Heinlein
PhD Candidate
Yale University



POLY

CME

NASA STEM
SUSTAINABILITY

SFMM

8/16 · Earth and Space Sustainability Summit

AIR PRODUCTS



BLAVATNIK
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BASF
We create chemistry

Industry
Sustainability
and Resiliency

The Next
Phase in Life
Sciences

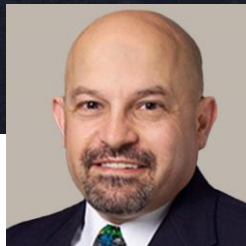
Creating a
Sustainable Future
in Space

Keynote

Speakers



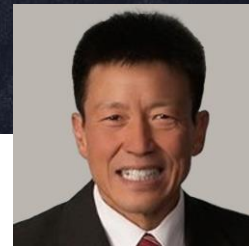
Paul Anastas
Yale University



Jon Arenberg
Northrop Grumman



Benjamin Knudsen
BASF



Tony Go
ExxonMobil

8/16/2023 | 12:30 – 5:30 pm | SF Marriott Marquis | www.CME-STEM.org



NASA STEM SYMPOSIUM

POLY

PRES

POLY 016: Sixth CME NASA Symposium

Advancing Materials for Human Space Exploration



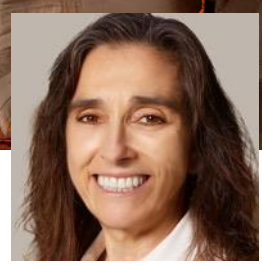
- AGFD AGFD ENFL
- AGRO AGRO ENVR
- ANYL ANYL FLUO
- BIOL BIOL GEOC
- BIOT BIOT HIST
- BMGT BMGT I&EC
- CATL CATL INOR
- CARB CARB MEDI
- CELL CHAL NUCL
- CHAL CHAS PHYS
- CHAS CHED PMSE
- CELL POLY
- CINF PROF
- COLL SCHB
- COMP TOXI



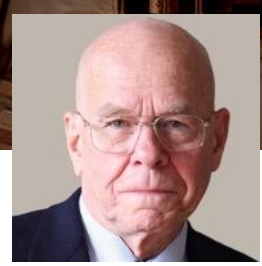
8/14 PMSE CME Outstanding Student & Mentor Awards

8/15 Panel on Sustainability & Future Chemistry

Speakers



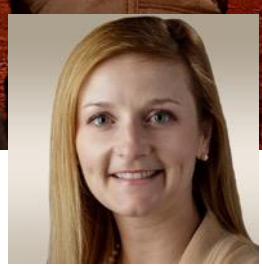
Kimnberly Budil
LLNL



Barry Sharpless
Scripps



Paul Anastas
Yale



Jen Gustetic
NASA

2023 Honorees



Corporate Reinvention

Darren Woods
ExxonMobil

Chairman and CEO



Pioneering Innovation

Kathy Warden
Northrop Grumman

Chair, CEO and President

Keynote



James Green
NASA

Former Chief Scientist

Event Co-Chairs



Seifi Ghasemi
Air Products

Chairman, President
and CEO



Robert Davis
Merck

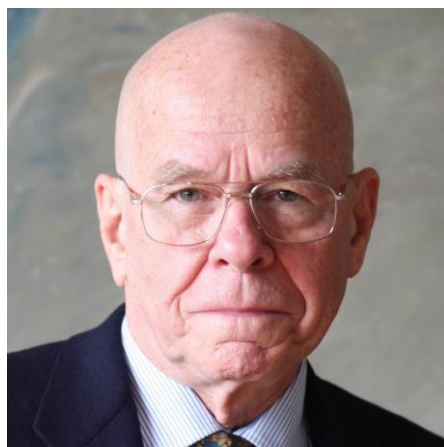
Chairman and CEO

2017-2023 CME Nobel Lectures

Partial list of eminent thought leaders



Sir Fraser Stoddart
Northwestern University
2016 Nobel Prize in Chemistry



Barry Sharpless
Scripps Research Institute
2001 and 2022 Nobel Prize in Chemistry



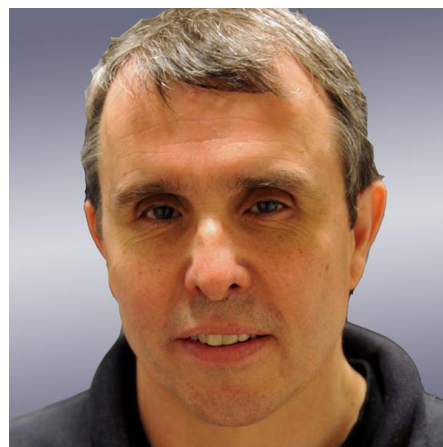
Frances Arnold
Caltech
2018 Nobel Prize in Chemistry



Ben Feringa
University of Groningen
2016 Nobel Prize in Chemistry



Robert Grubbs
Caltech
2005 Nobel Prize in Chemistry



Eric Betzig
University of California Berkeley
2014 Nobel Prize in Chemistry



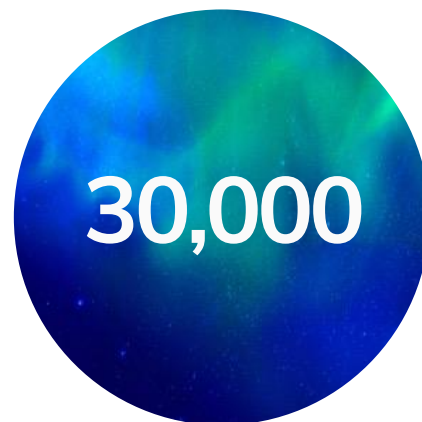
A Heritage of Leadership



High-Impact Awards
For CME Pioneering Events
A record in its class



CME STEM Talks
Meeting Leaders for Lunch
Free Student Registrations



K-12 Children & Parents
Celebrating STEM Festivals
Free to the Public

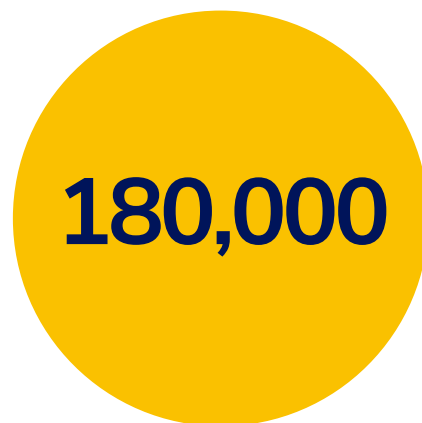
Accelerating Diverse STEM Talent



CME STEM NASA
Symposiums Attendees
At ACS National Meetings



Years Driving STEM
For Sustainable Innovation
Industry Academia
Government



Students & Professionals
Reached by Ad Campaigns
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