## DAY I – MONDAY, SEPTEMBER 19

8:00 - 9:00 Registration		
	OPENING GENERAL SESSION	
9:00 – 9:30 • West Lounge Founder's Address		
9:30 - 10:00 • West Lounge Opening Keynote: Connectivity as a	Human Right	
	CONCURRENT SESSIONS I	
10:05 – 11:00 • West Lounge Culture, Institutions and the Challen	nge of Staying Relevant	
10:05 – 11:00 • Main Bar Rethinking Global Supply Chains to	Solve World Hunger	
10:05 – 11:00 • Library Curing Cancer: Viewpoints on the B	est Paths Forward	
	CONCURRENT SESSIONS II	5-
II:05 – I2:00 • West Lounge Growth, Development and the Empe	owerment of Women Across the Globe	
11:05 – 12:00 • Main Bar Beyond Earth: Insights into Astrophy	ysics	
11:05 – 12:00 • <i>Library</i> Advances in Higher Education: "The	New Educational-Industrial Complex?"	
	CONCURRENT SESSIONS III	
13:00 – 13:55 • West Lounge Climate Change and Global Governa 13:00 – 13:55 • Main Bar	ance: Moving Forward After Paris	
,	e in Institutions: Campaign Finance and Electoral Reform	
13:00 – 13:55 • Library Innovations in Biotechnology		
	CONCURRENT SESSIONS IV	
14:00 – 14:55 • West Lounge Fostering Entrepreneurial Ecosystem	ns	
14:00 – 14:55 • Main Bar Challenges for the Next American P	resident	
14:00 – 14:55 • Library The Clean Energy Economy: A New	Frontier for Business	
	CONCURRENT SESSIONS V	
15:00 - 15:55 • West Lounge The Art World of Today		
15:00 – 15:55 • Main Bar Criminal Justice Reform: Strategies t	to End Mass Incarceration	
15:00 – 15:55 • Library What Are the Potential Consequence	ces of Additive Manufacturing (3D Printing) on the Economy?	
	CLOSING GENERAL SESSION	I
16:00 – 16:30 • West Lounge Macroeconomics and Financial Risk		
16:30 – 17:00 • West Lounge Keynote: Elections and Electoral Ref	form	

## DAY II – TUESDAY, SEPTEMBER 20

8:00 – 9:00 Registration		
Trogisti acion	OPENING GENERAL SESSION	11
9:00 – 9:30 • West Lounge Keynote: Economic Dynamis	m	
9:30 - 10:00 • West Lounge Creativity: What Is It?		
	CONCURRENT SESSIONS VI	12
10:05 - 11:00 • West Lounge Business and Innovation		
10:05 – 11:00 • Main Bar Early Childhood Education: F	low Science Can Inform Policy	
10:05 – 11:00 • Library Understanding the Art Mark	et and Art Finance	
	CONCURRENT SESSIONS VII	13-14
11:05 - 12:00 • West Lounge Europe in a Time of Crisis: T	he EU After the Brexit	
11:05 – 12:00 • Main Bar The Future of War: An Easte	ern European Expression	
II:05 – I2:00 • Library China: (Un)certainties of Gro	owth	
	CONCURRENT SESSIONS VIII	15
13:00 – 13:55 • West Lounge Neuroscience: Unlocking the	Brain	
13:00 – 13:55 • Main Bar Open Data: If You Build It	Will They Come?	
13:00 – 13:55 • Library Cyber Capabilities and the R	ules of War	
	CONCURRENT SESSIONS IX	16
14:00 – 14:55 • West Lounge Progress and Caution with A	rtificial Intelligence	
14:00 – 14:55 • Main Bar Nuclear Non-Proliferation C	hallenges in the 21st Century	
14:00 – 14:55 • <i>Library</i> What Future Awaits the Peo	ple of Syria?	
	CLOSING GENERAL SESSION	17
15:00 - 16:00 • West Lounge Art & Empathy: Can Art Mal	ce You A Better Human Being?	
16:00 – 16:30 • West Lounge UNESCO Keynote		
16:30 – 17:00 • West Lounge Closing Keynote: The Creation	on of Ideas	
17:00 - 17:15 • West Lounge Closing Remarks		



8:00 – 9:00 Registration

OPENING GENERAL SESSION		
9:00 – 9:30 West Lounge	Founder's Address  Ms. Louise Blouin, Founder, the Louise Blouin Foundation; Founder and Chief Executive Officer, Blouin Artinfo Corp.	
9:30 – 10:00 West Lounge	Opening Keynote Address: Connectivity as a Human Right  Professor Nicholas Negroponte, Cofounder, MIT Media Lab; Founder, One Laptop per Child	



**CONCURRENT SESSIONS I** 

10:05 - 11:00

## Culture, Institutions and the Challenge of Staying Relevant

I.A

West Lounge

In an age marked by continual changes in technology, attitudes and preferences, how can cultural institutions continue to successfully carry out their missions? Is there a balance to be struck between elite and popular taste? Can new forms of media be integrated into traditional settings? How are cultural institutions using technology to their benefit? This panel will explore these questions and more

Moderator: Dr. Kelly Baum, Curator of Modern and Contemporary Art, The Metropolitan Museum

Ms. Katy Clark, President, Brooklyn Academy of Music

Mr. Glenn D. Lowry, Director, the Museum of Modern Art

Ms. Deborah F. Rutter, President of the John F. Kennedy Center for the Performing Arts

Ms. Katrina Sedgwick, Director and CEO, the Australian Centre for the Moving Image

10:05 - 11:00

## Rethinking Global Supply Chains to Solve World Hunger

I.B

Main Bar

Hunger is still one of the most urgent challenges facing the developing world. The problem is not one of supply — the world is producing more than enough food. Rather, it is one of logistics, getting food where it is needed and reducing loss and waste. Improvements are needed at all points in the supply chain, including storage, packaging, transportation, customs clearance, tracking and distribution. Governments, research institutions, producers, distributors, retailers and consumers all play a part in this process. This panel will explore what all these actors can do — and how they must change — in order to end the scourge of hunger once and for all.

Moderator: Dr. Carolyn Dimitri, Associate Professor of Food Studies, New York University

Ms. Claire Bloom, Founder and Executive Director, End 68 Hours of Hunger

Mr. Rod Brooks, President and CEO, Stop Hunger Now

**Dr.** Özlem Ergun, Faculty Development Fellow and Associate Professor, Mechanical and Industrial Engineering, Northeastern University

10:05 - 11:00

## Curing Cancer: Viewpoints on the Best Paths Forward

I.C

Library

A "cure" for cancer has proved elusive, frustrating both patients and their families. The slow pace of progress in prevention and treatment is due largely to the fact that this is not one disease but many. Nevertheless, scientists and clinicians have made exciting discoveries. This panel will provide insights into the progress being made in cancer research and treatment and shed light on the debates over the best paths forward.

Moderator: Dr. Steven K. Libutti, Director of the Montefiore-Einstein Center for Cancer Care

Dr. Michael B. Atkins, Deputy Director of the Georgetown-Lombardi Comprehensive Cancer Center

Dr. Nancy E. Davidson, Director of the University of Pittsburgh Cancer Institute

Dr. Theresa Deisher, Founder of AVM Biotechnology; Founder of Sound Choice Pharmaceutical Institute

**Dr. Rebecca Martin**, Director, Center for Global Health, US Centers for Disease Control and Prevention



**CONCURRENT SESSIONS II** 

11:05 - 12:00

## Growth, Development and the Empowerment of Women Across the Globe

West Lounge

The empowerment of women and economic development go hand in hand, advances in one area leading to advances in the other. Although much progress has been made, significant gender inequality exists in both the developing and developed world. Almost everywhere in the world, women earn less, are less economically productive and have less ability to shape their lives and make decisions than men. The differences are starkest in countries with lower per capita income, where the disparity in life expectancy between females and males is greater than in richer nations. It is imperative to close these gaps. Greater equality between the sexes can enhance economic productivity, improve development outcomes for the next generation and make institutions and policies more representative. This panel will explore ways in which governments and institutions can promote equality and bring about these desired results.

Moderator: Mr. Nicholas Kristof, Op-Ed Columnist, the New York Times

**Professor Abhijit Banerjee**, Ford Foundation International Professor of Economics, Massachusetts Institute of Technology

Dr. Mayra Buvinic, Senior Fellow, Center for Global Development and the United Nations Foundation

Ms. Fereshteh Forough, Founder and President of Code to Inspire

Ms. Rachel B. Vogelstein, Senior Fellow, Director, The Women and Foreign Policy Program, Council on Foreign Relations

11:05 - 12:00

## Beyond Earth: Insights into Astrophysics

II.B

II.A

Main Bar

Astronomy and astrophysics have made great advances in the past three decades, including, most recently, discoveries that shed new light on the origin of the universe. The BCLS will explore the important developments in these fields through a panel that addresses such fundamental questions as Are we alone? How did we get here? How does the universe work?

**Moderator:** Mr. Robert Lee Hotz, Science Writer at the Wall Street Journal; President, the Alicia Patterson Foundation **Dr. Zoltan Haiman**. Professor, Department of Astronomy, Columbia University

**Dr. Charles Keeton**, Professor of Physics and Astronomy and Faculty Director of the Aresty Research Center for Undergraduates at Rutgers University

**Dr. Lawrence Krauss**, Director of the Origins Project at Arizona State University; Foundation Professor in the School of Earth and Space Exploration and the Physics Department, ASU

**Dr. Rebecca Oppenheimer**, Professor of Astronomy, Columbia University; Curator of the Astro Bulletin; Curator of the Digital Universe Atlas



**CONCURRENT SESSIONS II (CONT.)** 

11:05 - 12:00 *Library* 

## Advances in Higher Education: "The New Education-Industrial Complex?"

II.C

Higher education has witnessed a profound transformation over the last decade as a result of technological change and entrepreneurial alternatives to traditional educational models. Technology has helped to democratize education through the online dissemination of course lectures and notes, and by enabling keen students to leverage computational power, tools and connectivity into faster and more effective learning. Entrepreneurship has given rise to new models of the educational "environment" and new ideas about how and with whom students ideally learn. Examples include the One Laptop Per Child project, in which students in developing nations were given the opportunity to explore and teach themselves with a vast wealth of preloaded content on a free laptop; the proliferation of MOOCs (massive open online courses), which allow students to participate from a distance; and the Minerva project, which relocates its campus twice per year while teaching interactive, computer based courses at the university level. Do these examples suggest that a centuries-old approach to advanced education — of which the modern university-industrial complex is the latest and fullest expression — is now obsolete? Or do they at least portend a new educational paradigm, built on computation and mobility, that will achieve comparable or better results? If so, what then is the role of the professor, student and educational institution? This panel will seek to explore and answer these questions.

**Dr. Stuart Firestein**, Professor of Neuroscience and Former Chair, Department of Biological Sciences, Columbia University

Dr. Stephen M. Kosslyn, Dean of Arts and Science, Minerva Schools at Keck Graduate Institute

12:00 – 12:55 Luncheon



**CONCURRENT SESSIONS III** 

### 13:00 - 13:55

## Climate Change and Global Governance: Moving Forward After Paris

III.A

West Lounge

The agreement reached last December in Paris marked a watershed in the international effort to combat climate change, but will it be enough in the absence of effective enforcement mechanisms? This panel will discuss what the Paris accord got right, where it fell short and the constructive roles that can be played by global and national governing bodies, technological innovators and the free market.

Moderator: Mr. Andrew Revkin, Pace University Senior Fellow for Environmental Understanding

**Ms. Eleanor Blomstrom**, Program Director, Head of Office, Women's Environment & Development Organization **Dr. Heriberto Cabezas**, Senior Science Advisor, Sustainable Technology Division, U.S. EPA's Office of Research and Development

Dr. Peter B. de Menocal, Dean of Science, College of Arts & Sciences, Columbia University

**Mr.** Quentin Grafton, Professor of Economics, Director of the Centre for Water Economics, Environment and Policy, Crawford School of Public Policy, Australian National University

Dr. James Hansen, Adjunct Professor, Earth Institute, Columbia University

#### 13:00 - 13:55

# Restoring Legitimacy and Confidence in Institutions: Campaign Finance and III.B Electoral Reform

Main Bar

Across the the political spectrum and throughout the Western world, there is an increasing consciousness that democracy is being undermined by the disaffection of large swaths of citizens, who are alienated by growing inequality and feel little or no connection to their governments. Some suggest that campaign finance reform can help tone down political polarization and restore a sense of fairness to the electoral process. This panel will discuss how we can design a system for funding political campaigns that can allay public fears of corruption.

Moderator: Mr. Aaron Zitner, National Politics Editor, the Wall Street Journal

**Dr. Robert G. Boatright**, Professor of Political Science, Clark University; Director of Research, National Institute for Civil Discourse

**Dr. Michael J. Malbin**, Cofounder and Executive Director, Campaign Finance Institute (CFI); Professor of Political Science, University at Albany (SUNY)

Mr. Rob Richie, Executive Director, Fairvote

**Professor Bradley A. Smith,** Josiah H. Blackmore II/Shirley M. Nault Professor of Law, Capital University; Founder and Chairman, Center for Competitive Politics

### 13:00 - 13:55

## Innovations in Biotechnology

III.C

Library

Biotech — that popular, if overly broad, term for any innovation that merges biology and technology — has long been a focus of the BCLS. At last year's summit, researcher and inventor Dr. Hugh Herr discussed his groundbreaking work in biomechatronics. This panel continues the conversation, exploring the breakthroughs already made and those expected in the future, as well as what they mean for the world's economies and cultures.

**Moderator: Dr. Zhe-Sheng Chen**, Director, Institute for Biotechnology; Member, University Global Coordinating Committee (UGCC), St. John's University

Dr. Art M. Krieg, Founder, Checkmate Pharmaceuticals; Cofounder, RaNA Therapeutics

**Dr. S. Matthew Liao**, Arthur Zitrin Chair of Bioethics, Director of the Center for Bioethics, Professor of Global Public Health; Affiliated Professor of Philosophy, NYU

**Dr. Gregory Stock**, Department of Genetics and Genomic Sciences, Icahn School of Medicine; Co-Director, Harris Center for Precision Wellness, Mount Sinai's Institute of Nextgen Healthcare

Dr. Nathan Tinker, Executive Director of NewYorkBIO



**CONCURRENT SESSIONS IV** 

#### 14:00 - 14:55

### Fostering Entrepreneurial Ecosystems

IV.A

West Lounge

A core component of economic development in cities and countries around the world is fostering what is known as an "entrepreneurial ecosystem," a term denoting the social and economic environment affecting local/regional entrepreneurship. This panel discusses the best ways to promote entrepreneurship and the countries that are doing so successfully.

Moderator: Ms. Linda Lacina, Managing Editor, Entrepreneur.com

**Ms. Heather C. Briccetti, Esq.**, President and CEO, the Business Council of New York State; Founder, Sweeney & Wollowitz

Mr. Scott Gerber, Founder and CEO of CommunityCo

**Ms. Jessica Lawrence Quinn**, CEO, NY Tech Alliance; Cofounder, the Work Revolution Summit **Ms. Shivani Siroya**, Fintech Entrepreneur, Founder, CEO, Tala; Member, Board of Stellar.org

### 14:00 - 14:55

## Challenges for the Next American President

IV.B

Main Bar

Whoever follows Barack Obama as president of the United States faces extraordinary foreign policy challenges. Rising nationalism and protectionism at home and abroad threaten to upend the postwar international consensus. The Middle East remains in turmoil, with U.S. troops involved on multiple fronts. Meanwhile, Russia is asserting itself in both Europe and the East, and much of the Asia-Pacific region, as well as the U.S., is worried about both China's territorial ambitions and its struggling economy. Will the next four years in the U.S. be a period of retrenchment and prioritization of domestic issues over foreign engagement, or one of expanded international involvement and intervention? This panel will explore these issues and more.

Moderator: Mr. Benjamin Pauker, Executive Editor, Foreign Policy

Mr. Christopher J. Griffin, Executive Director, the Foreign Policy Initiative

Dr. Vera Jelinek, Divisional Dean and Clinical Associate Professor, Center for Global Affairs NYU SCPS

Ms. Kate Maloff, Executive Director, the World Policy Institute

**Dr. Robert Rotberg**, Founding Director, Harvard Kennedy School's Program on Intrastate Conflict; President Emeritus, The World Peace Foundation

#### 14:00 - 14:55

## The Clean Energy Economy: A New Frontier for Business

IV.C

Library

Given added impetus by last year's Paris climate accords, clean energy is gaining momentum all over the world. Every aspect is experiencing technological advances, from production to transmission, storage, and usage. New solar, wind and geothermal projects are springing up in both developed and developing countries. Although governments are funding many of the large ones, a host of startups are on the front lines improving batteries, perfecting smart grids and developing more efficient materials and processes. As the market for clean energy expands, first movers will have a major advantage in underserved sectors. This panel will explore what opportunities exist for businesses in the emerging clean energy economy.

Moderator: Mr. Chris Martin, Reporter, Bloomberg News Ms. Claudia Eyzaguirre, Cofounder and CEO, PVComplete

Mr. Jeffrey Perlman, President and Founder, Bright Power

Mr. Frank Zammataro, Chief Executive Officer and Cofounder, Rentricity Inc.



**CONCURRENT SESSIONS V** 

#### 15:00 - 15:55

## The Art World of Today

V.A

West Lounge

The art world has undergone dramatic changes over the past few decades. Technology is changing the way people appreciate, interact with and purchase art. Art fairs are now a global phenomenon and contemporary art a multibillion dollar enterprise encompassing not only Europe and North America but emerging international economies as well. This rapidly changing landscape presents challenges to the artists and connoisseurs who must navigate it. This panel will discuss the makeup of today's art world, what has driven the changes that have created it and how it is likely to develop.

**Moderator: Dr. Don Thompson**, Economist and Emeritus Nabisco Brands Professor of Marketing and Strategy, Schulich School of Business, York University; Author, "The \$12 Million Dollar Stuffed Shark: The Curious Economics of Contemporary Art"

**Mr.** Jeffrey Deitch, Modern and Contemporary Art Dealer and Curator; Former Director, Museum of Contemporary Art, Los Angeles

Ms. Lisa Dennison, Chairman, Sotheby's North and South America

Ms. Mary Hoeveler, Principal, M. G. Hoeveler, Ltd., Art Advisory

Ms. Amy Whitaker, Assistant Professor, Visual Arts Management, NYU Steinhardt

#### 15:00 - 15:55

## Criminal Justice Reform: Strategies to End Mass Incarceration

V.B

Main Bar

With just 5 percent of the world's population, the United States holds 25 percent of its inmates: 2.2 million people, representing a 500 percent increase from 30 years ago. The need for innovative approaches and new policy directions is clear. This panel will explore efforts by both liberals and conservatives to address this issue and attempt to identify the most effective solutions.

**Moderator: Ms. Katti Gray**, Journalist, Contributing Editor, the Crime Report; Director, New York University's Urban Journalism Workshop

Dr. Geraldine Downey, Professor of Psychology and Director, Center for Justice, Columbia University

Ms. Susan N. Herman, President, American Civil Liberties Union; Chair, Centennial Professor of Law, Brooklyn Law

Mr. Marc Mauer, Executive Director, The Sentencing Project

Mr. Grover Norquist, President of Americans for Tax Reform; Chair, Wednesday Meeting; Member, Board of the NRA, the American Conservative Union, and the Parental Rights Organization

#### 15:00 - 15:55

# What are the Potential Consequences of Additive Manufacturing (3D Printing) V.C on the Economy?

Library

All sorts of goods, from jewelry to aircraft parts, automobile bodies, medical implants and drones, are being created using 3D printing, in which software directs a printer to build an object out of successive layers of powdered plastic or metal, metal wire, thermoplastic, glass, sand — even chocolate. The process — called "additive" manufacturing to distinguish it from traditional manufacturing, in which materials are milled, drilled or cut into individual parts that are then assembled —creates entire, fully assembled products that can be reproduced multiple times. This panel will debate whether this disruptive technology is leading to a third Industrial Revolution?

Moderator: Mr. Robert Wells, Attorney at Law, Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

Mr. Alan Amling, Vice President, Global Logistics and Distribution Marketing, UPS

Mr. Max Lobovsky, Cofounder and CEO, Formlabs

**Dr. Elena Polyakova**, Co-Chief Executive Officer, Graphene 3D Lab; Cofounder, CEO, and President, Graphene Laboratories, Inc.



## **CLOSING GENERAL SESSION**

16:00 – 16:30 West Lounge	Macroeconomics and Financial Risk  Mr. John Authers, Chief Investment Columnist, the Financial Times  Dr. Richard Robb, Professor of Professional Practice, Columbia University's School of International and Public Affairs
16:30 – 17:00 West Lounge	Keynote Address: Elections and Electoral Reform  Dr. Eric Maskin, Adams University Professor, Harvard University; Nobel Laureate
17:00	Adjourn



8:00 – 9:00 Registration

OPENING GENERAL SESSION		
9:00 – 9:30	Opening Keynote Address: Economic Dynamism	
West Lounge	<b>Dr. Edmund Phelps</b> , Director, Center on Capitalism and Society, Columbia University; Dean, New Huadu Business School; Nobel Laureate	
9:30 - 10:00	Creativity: What Is It?	
West Lounge	Moderator: Mr. Tom de Kay, Editor-in-Chief, Blouin ArtInfo	
J	Mr. Bruce Mau, Cofounder, Massive Change Network; Founder, Institute without Boundaries; Chief Design Officer,	
	Freeman Company	
	Mr. Nader Tehrani, Dean, Irwin S. Chanin School of Architecture, Cooper Union	



**CONCURRENT SESSIONS VI** 

10:05 - 11:00

#### **Business and Innovation**

VI.A

West Lounge

Globalization and strategic shifts are transforming every business sector. Opportunities for growth are emerging even as the pool of talent capable of seizing those opportunities is shrinking. Companies that can stay ahead of the rapid pace of change, anticipate staffing needs and take the lead in developing innovative products will likely be tomorrow's winners. This panel will explore how enterprises can foster an environment that makes such leadership possible.

**Moderator: Mr. Matthew Bishop**, Senior Editor, the Economist Group; Member, World Economic Forum's Global Agenda Council on Global Governance

**Mr.** Alexander Goldberg, Serial Entrepreneur; Venture Capital Investor; New York Angels Member; Advisor, Nantucket Conference

Ms. Deborah Montaperto, Partner, The Polk Wealth Management Group Mr. John Romeo, Managing Partner for North America, Oliver Wyman

Mr. Luis Valdich, Managing Director, Venture Capital Investing, Citi Ventures

10:05 - 11:00

## Early Childhood Education: How Science Can Inform Policy

VI.B

Main Bar

The basic architecture of the brain is constructed through an ongoing process that begins before birth and continues into adulthood. Early experiences affect the quality of that architecture by establishing either a sturdy or a fragile foundation for all of the learning, health and behavior that follow. In the first few years of life, 700 new neural connections are formed every second. Our knowledge of early brain development should inform how early childhood education is conducted and funded. This panel will explore the science of brain development and the policy solutions that should be pursued in light of recent findings.

Moderator: Ms. Caroline Hendrie, Executive Director, Education Writers Association

Ms. Rhian Evans Allvin, Executive Director, National Association for the Education of Young Children

**Dr. W. Steven Barnett**, Board of Governors Professor of Education and Director, National Institute for Early Education Research, Rutgers University

**Dr. Erin O'Connor**, Associate Professor, Steinhardt School of Culture, Education, and Human Development, New York University

Ms. Kim Sweet, Executive Director, Advocates for Children of New York

10:05 - 11:00

## Understanding the Art Market and Art Finance

VI.C

Library

In 2015, the global art market experienced its first, minor slowdown since the Great Recession. In the U.S., however, the market continued to grow and sales and auction records to fall. This disparity leads to questions like the following: Do the high prices for art in the face of worldwide economic uncertainty cast doubt on the integrity of the art market? Will the blue chip sector diverge from the broader contemporary segment? Can connoisseurs and investors coexist? Whatever the answer to the last, it's clear that both types of buyers need to better educate themselves on how this largely unregulated field works and reacts. To protect and profit from their collections, they need to understand the roles of risk, insurance, restoration and conservation. In short, they require an intimate knowledge not only of art but also of finance. This panel will explore how art is increasingly being treated as an alternative asset class even as the market cools.

Moderator: Mr. Judd Tully, Journalist, Art World Writer, Art Critic

Mr. Andrea G. Danese, Chief Executive Officer, Athena Art Finance

Ms. Suzanne Gyorgy, Managing Director and Global Head of Citi Private Bank Art Advisory & Finance

Mr. Philip Hoffman, Chief Executive Officer, the Fine Art Fund Group

**Mr. Javier Lumbreras**, Chairman of the Board of Directors of the Art Fund Association

Mr. Jan Prasens, Senior Vice President and Managing Director, Sotheby's Financial Services



**CONCURRENT SESSIONS VII** 

11:05 - 12:00

## Europe in a Time of Crisis: The EU After the Brexit

VII.A

West Lounge

The European Union faces a set of unprecedented challenges that together threaten its very existence. Great Britain's vote to leave the union disrupted the post-war consensus and derailed the trend toward European unification. High rates of youth unemployment and sovereign debt continue to hobble the EU economically, keeping growth anemic at best. The migrant crisis and fears of terrorism are stressing the union's social cohesion and may lead to closed borders. An emboldened and possibly irredentist Russia looms large. Nativist, right-wing political parties are on the rise. This panel will explore these issues and more and discuss what needs to be done to ensure the survival of the EU.

Moderator: Ms. Sheri Berman, Professor of Politics, Barnard College, Columbia University

Mr. Edmond Alphandéry, President, Centre for European Policy Studies

**Ambassador Jean-Daniel Tordjman**, Honorary Ambassador, International Investment, Republic of Korea; Senior International Advisor, CEA Technologies; President, Le Club des Ambassadeurs, Paris

**Professor Larry Wolff**, Silver Professor of History; Director, Center for European and Mediterranean Studies, New York University

11:05 - 12:00

## The Future of War: An Eastern European Expression

VII.B

Main Bar

What does the future of war look like? Although many cultural commentaries speculate about "future wars" marked by technology-driven catastrophes, history shows that wars unfold in much more complex ways. They are the result not of technologies but of human feelings of hubris, fear and self-interest. They are, however, manifested in tangible empirical realities, cultural cleavages, unpredicted outcomes, and evolving and adaptive circumstances. If the near-term future can be understood as informed and shaped by the present, then a study of current conflicts and strategies should prove instructive.

Current global conflict is concentrated in three major areas: (i) continuing antagonisms along sectarian lines among state and non-state actors in the Middle East, to include the Mediterranean region; (ii) gradual but persistent projection of Chinese military power into the islands of the near-abroad, most visibly with actual island creation in the South China Sea; and (iii) reassertion of Russian power in Eastern Europe and the Middle East. The first two areas can be understood within traditional narratives of conflict — in one case, the consequences of failed states, sectarian divisions and conflicting ideologies; in the other, the struggle between an emerging Eastern power and an established Western power.

The third area, however — Russia — clearly presents a new set of concerns. Beyond just its active military engagement in Ukraine and Syria, Russia has introduced advanced forms of integration of physical and digital weaponry to its warfighting doctrine and practice. One example is the arming of supposed "rebels" in Eastern Ukraine and Crimea with sophisticated weapons while the use of those weapons is coordinated with conventional Russian military capabilities. Another is the cyber-attacks and espionage efforts against the U.S. and EU that ignore international legal conventions.

The questions for the panel to consider are, first: have we moved beyond a narrative of global conflict informed by mutually assured destruction and zones of proxy warfare? And second: does Russia's increasingly belligerent use and integration of cyber warfare with traditional "fifth column" operations herald a new "future or war."

**Dr. Dmitri Gorenburg**, Senior Research Scientist, Strategic Studies Division, CNA; Associate, Davis Center for Russian and Eurasian Studies, Harvard University

Colonel Gary Brown, Professor of Cyber Security, Marine Corps University, Quantico

**Dr. Thomas Graham**, Managing Director, Kissinger Associates; Founder and Co-Creator, Russian Studies Project, Yale University

Lt Gen Robert E. Schmidle, Jr., USMC, Former Principal Deputy Director, Cost Assessment and Program Evaluation



**CONCURRENT SESSIONS VII (CONT.)** 

11:05 - 12:00

## China: (Un)certainties of Growth

VII.C

Library

China continues to play a pivotal and ever more influential role in world affairs. Recently, however, it has experienced an economic slowdown. How will this affect its domestic and foreign policy, particularly its Silk Road strategy? What impact will its territorial ambitions in the South China Sea have on relations among the Asia Pacific nations? What is the future of US-China relations? This panel will explore these issues and more.

**Moderator: Dr. Orville Schell**, Arthur Ross Director, Center on U.S.-China Relations, Asia Society; Fellow, Weatherhead East Asian Institute, Columbia University

Dr. Vishakha N. Desai, Senior Advisor for Global Affairs to the President of Columbia University

**Dr. Nong Hong**, Head of the Institute for China-America Studies (ICAS)

Dr. Yasheng Huang, Associate Dean, International Programs and Action Learning, MIT Sloan School of Management

Mr. Stephen A. Orlins, President, National Committee on US-China Relations

12:00 – 13:00 Luncheon



**CONCURRENT SESSIONS VIII** 

13:00 - 13:55

## Neuroscience: Unlocking The Brain

VIII.A

West Lounge

Despite discoveries made over the past decade that have expanded our understanding of how the brain works, doctors and scientists still struggle to understand the causes of debilitating neurological and psychiatric disorders like Alzheimer's and Parkinson's disease, autism, epilepsy and schizophrenia. This panel will discuss what must be done to advance our knowledge in these areas, what funding is needed and how other fields, such as engineering, nanoscience and informatics, can contribute.

Moderator: Dr. Tim Requarth, Freelance Science Journalist; Director, NeuWrite

Dr. Christine Ann Denny, Assistant Professor of Psychiatry, Columbia University Medical Center

**Dr. Stuart Firestein**, Professor of Neuroscience and Former Chair, Department of Biological Sciences, Columbia University **Dr. David Heeger**, Silver Professor of Psychology and Neural Science, New York University; Member, National Academy

Dr. Joseph E. LeDoux, Henry and Lucy Moses Professor of Science, Center for Neural Science, NYU

**Dr. Van Wedeen**, Associate Professor in Radiology, Harvard Medical School; Assistant Neuroscientist, Massachusetts General Hospital; Director of Connectomics, Martinos Center, Harvard University

13:00 - 13:55

of Sciences

## Open Data: If You Build It, Will They Come ...?

VIII.B

Main Bar

Large amounts of time, resources, and effort have been invested in making government data accessible in a readable, shareable, freely available format with the broad goal of improving people's lives. More than 65 countries have committed to the transparency tenets of the Open Government Partnership and are making available millions of high-value government data sets collected in their regulatory roles and in connection with their administrative agencies' core mission of delivering services. Evidence of the impact of these efforts at transparency is now emerging and is largely encouraging, yet much of open data's potential for solving problems, empowering citizens and generating innovation and economic growth remains untapped. To a large extent, this is the result of a market failure: The supply of and demand for open data have been misaligned and poorly understood. The assumption "if you build, they will come" has proved to be false yet again. This panel will consider what is known about conditions that can help accelerate the demand for an use of open data, the current and potential use of "intermediaries" and "data collaboratives" to align supply and demand and draw insight from the data, the importance of responsible data use and the evidence and indicators of open data's impact, which can be used to fine-tune and support the value proposition behind it and guide future design and policy.

**Moderator: Dr. Stefaan G. Verhulst**, Cofounder and Chief Research and Development Officer, Governance Laboratory, NYU; Adjunct Professor, Department of Culture and Communications, NYU

Dr. Jeffrey Friedberg, Chief Trust Architect, Microsoft

Dr. Amen Ra Mashariki, Chief Analytics Officer, New York City; Director, Mayor's Office of Data Analytics

Ms. Alyssa Wright, Vice President of Partnerships and Business Development at Mapzen, President of OpenStreetMap US

## 13:00 - 13:55

#### Cyber Capabilities and the Rules of War

VIII.C

Library

Cyber warfare is emerging as the latest uncertain frontier of international relations, a way for developed nations to attack one another without appearing to do anything at all. As the capabilities of cyber warfare continue to increase, the need for uniform and agreed-upon international standards and laws is becoming ever more apparent. This panel will explore what laws will need to be enacted and why.

**Moderator: Mr. Daniel Garrie**, Arbitrator, Forensic Neutral, Technical Special Master at JAMS; Executive Managing Partner, Law & Forensics LLC

Colonel Gary Brown, Professor of Cyber Security, Marine Corps University, Quantico

Dr. Diana L. Burley, Executive Director, Chair of the Institute for Information Infrastructure Protection

Dr. Oona A. Hathaway, Gerard C. and Bernice Latrobe Smith Professor of International Law, Yale Law School



**CONCURRENT SESSIONS IX** 

#### 14:00 - 14:55

## Progress and Caution with Artificial Intelligence

IX.A

West Lounge

With each passing month, the capabilities of machines seem to outstrip those of human beings, whether it be in the TV game show Jeopardy or the ancient Chinese game of Go. Where do we stand today in terms of the development of artificial intelligence, and where will the near future take us. This panel will explore the current state of artificial intelligence, what we have to look forward to and what should make us wary.

**Moderator: Dr. Ernest Davis**, Professor, Computer Science Department, the Courant Institute, New York University **Ms. Kate Crawford**, Principal Researcher, Microsoft Research New York; Visiting Professor, MIT Media Lab; Senior Research Fellow, NYU Information Law Institute; Co-Chair, White House Symposium, AI Now

Mr. Shuman Ghosemajumder, Chief Technology Officer, Shape Security

Ms. Hilary Mason, Founder and CEO, Fast Forward Labs

**Ms.** Amelia Winger-Bearskin, Director, DBRS Innovation Lab; Artist; Creative Technologist; Cofounder, VRSalon.org **Dr.** Wendell Wallach, Ethicist and Scholar, Interdisciplinary Center for Bioethics, Yale; Senior Advisor, Hastings Center; Fellow, Institute for Ethics & Emerging Technology

#### 14:00 - 14:55

## Nuclear Non-Proliferation Challenges in the 21st Century

IX.B

Main Bar

History was made last year when the Islamic Republic of Iran signed an accord designed to prevent the country from developing a nuclear bomb while still allowing it to pursue a peaceful nuclear energy program. Whether or not this was a step forward for global nonproliferation depends greatly on who you ask. More importantly, it depends on how the agreement is implemented. North Korea claims to have tested a hydrogen bomb and is developing the technology for launching long-range ballistic missiles. This small, despotic regime on the Korean peninsula can no longer be ignored. This panel will address not only the nonproliferation issues pertaining to Iran and North Korea but also the continuing nuclear standoff between India and Pakistan, as well as the question of whether a world without nuclear weapons is possible, or desirable.

Moderator: Dr. W.P.S Sidhu, Nonresident Senior Fellow, Foreign Policy, Brookings India; Nonresident Senior Fellow, Brookings Institution

Dr. James M. Acton, Co-Director, Nuclear Policy Program, Carnegie Endowment for International Peace

**Mr. Andrew A. Hood**, Director for Strategic Planning and Integration, Office of Defense Nuclear Nonproliferation, National Nuclear Security Administration, U.S. Department of Energy

**Ms. Angela Kane**, Former UN High Representative for Disarmament Affairs; Former Under-Secretary-General for Management, The United Nations

Mr. Henry Sokolski, Executive Director, Nonproliferation Policy Education Center

## 14:00 - 14:55

## What Future Awaits the People of Syria?

IX.C

Library

Five years into the Syrian civil war, millions of Syrians are in need of aid, including more than 2 million children. Most refugees remain in the Middle East — in Turkey, Lebanon, Jordan, Iraq, and Egypt — with only about 10 percent so far having fled to Europe. They suffer from illness, malnutrition, abuse and exploitation. This panel focuses on the plight of Syrian children and what the world community can do to provide them with humanitarian relief and hope for the future.

**Moderator: Dr. Paul J. Sullivan**, Professor of Economics, National Defense University; Adjunct Professor of Security Studies, Georgetown University; Senior International Fellow, National Council of U.S.-Arab Relations

Mr. Jason Cone, Executive Director, Doctors Without Borders/Médecins Sans Frontières (MSF), USA

**Mr. Simon O'Connell**, Executive Director, Mercy Corps European Headquarters; Senior Vice President for Global Partnerships, Mercy Corps

Ms. Afshan Khan, Director of Emergency Programs, UNICEF

Ambassador Michael Klosson, Vice President for Policy and Humanitarian Response, Save the Children



**CLOSING GENERAL SESSION** 

15:00 – 16:00	Art & Empathy: Can Art Make You A Better Human Being?
West Lounge	Art and empathy have long been linked in European philosophy and psychology. This discussion will explore the rich intellectual history of this thesis, the overlap between art and the science of emotions today and how looking at art can affect our inner lives and make us more empathetic.
	Moderator: Ms. Rachel Corbett, Executive Editor, Modern Painters Magazine Dr. Eric R. Kandel, University Professor and Kavli Professor and Director, Kavli Institute for Brain Science, Columbia University; Nobel Laureate Mr. Jeff Koons, Artist
16:00 – 16:30	UNESCO Keynote Address
West Lounge	Ms. Irina Bokova, Director-General, UNESCO
16:30 – 17:00	Closing Keynote Address: The Creation of Ideas
West Lounge	<b>Dr. Stephen Wolfram</b> , Founder and Chief Executive Officer, Wolfram Research
17:00 – 17:15	Closing Remarks
West Lounge	Ms. Louise Blouin, Founder, the Louise Blouin Foundation; Founder and Chief Executive Officer, Blouin Artinfo Corp.
17:15	Adjourn