

Discussion Sessions and Speaker Biographies

44TH GENERAL ASSEMBLY | SAN FRANCISCO | 14–17 JUNE 2017



The Geneva Association

The Geneva Association—International Association for the Study of Insurance Economics
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General Assembly Agenda

WEDNESDAY 14 JUNE 2017

The Ritz-Carlton, San Francisco

600 Stockton St, San Francisco, CA 94108

18.45 Cocktails and welcome dinner at The Ritz-Carlton, San Francisco

THURSDAY 15 JUNE 2017

The Ritz-Carlton, San Francisco

08.15	Statutory Assembly (members only)
09.15	Coffee break
09.30	 Panel session 1 – Geopolitics Panel Chair: Mike McGavick, Chief Executive Officer, XL Group Ian Bremmer, President, Eurasia Group Eric Cantor, former Majority Leader of the U.S. House of Representatives, Vice Chairman and Managing Director, Moelis & Company
11.00	Coffee break
11.15	Keynote speech: J. Craig Venter, Co-Founder, Executive Chairman and Head of Scientific Strategy, Human Longevity Inc.
12.00	Panel session 2 – Low for Long: Societal Ramifications of Increased Longevity and Low Interest Rates Panel Chair: John R. Strangfeld, Chairman and Chief Executive Officer, Prudential Financial Donald A. Guloien, President and Chief Executive Officer, Manulife Financial Corporation Richard Jackson, President, Global Aging Institute (GAI) Yoshinobu Tsutsui, President, Nippon Life Insurance Company
13.30	Buffet lunch
15.00	 Panel session 3 – The Insurability of Cyber Risks Panel Chair: Inga Beale, Chief Executive Officer, Lloyd's Michael Coden, Associate Director, MIT Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity and Head of Cybersecurity Practice, BCG Platinion

• Eric Guard, Vice President, Risk Management, Ross Stores

· Arvind Parthasarathi, Founder and Chief Executive Officer, Cyence

• Stuart Madnick, Professor of Information Technology and Engineering Systems, MIT Sloan

School of Management

18.15	Departure by coach for the gala dinner at the de Young Museum		
22.30	Return to The Ritz-Carlton, San Francisco		
FRIDAY 16 JUNE 2017			
	The Ritz-Carlton, San Francisco		
09.00	Keynote speech: Hal Gregersen, Executive Director, MIT Leadership Center		
09.45	Panel session 4 – Disruptive Innovation—What's in Store for the Near Future? Panel Chair: Lard Friese, Chairman Executive Board and Chief Executive Officer, NN Group N.V. Saeed Amidi, Founder and Chief Executive Officer, Plug and Play Tech Center Charles Brindamour, Chief Executive Officer, Intact Financial Corporation Mike Cagney, Chief Executive Officer, Chairman and Co-Founder, SoFi Hal Gregersen, Executive Director, MIT Leadership Center		
11.15	Coffee break		
11.45	Keynote speech: Daniel S. Goldin, Chairman and CEO, KnuEdge and former Administrator, National Aeronautics and Space Administration (NASA)		
12.45	Buffet lunch		
14.00	Panel session 5 – Insurance of the Future—How Technology will Impact on the Insurance Value Chain Panel Chair: Christian Mumenthaler, Group Chief Executive Officer, Swiss Re • Doug McElhaney, Vice President, McKinsey & Company • Jon McNeill, President for Sales and Services, Tesla • Manoj Saxena, Chairman, Cognitive Scale • Asher Sinensky, Senior Executive, Palantir		
15.30	Closing remarks		
16.00	End of the day		
18.30	Departure by coach for the farewell dinner at the Fairmont San Francisco Crown Room		
22.00	Return to The Ritz-Carlton, San Francisco		

16.30 End of the day



SATURDAY 17 JUNE 2017

10.00	Departure from the hotel
11.00	Winery tour, barrel tasting and vine to table lunch at Ram's Gate Winery in Sonoma Valley
14.00	Helicopter tour of the Bay
15.00	Return to The Ritz-Carlton, San Francisco



Geopolitics

Chaired by Mike McGavick | Chief Executive Officer | XL Group



Mike McGavick
Chief Executive Officer
XL Group



Eric Cantor

Former Majority Leader of the U.S.

House of Representatives

Vice Chairman & Managing Director

Moelis & Company



Ian Bremmer
President
Eurasia Group

Societal disruption continues to rattle global hotspots like Syria, Venezuela and Turkey, but also is rattling the old order of stability, like the United Kingdom, France and United States. One panellist has described 2017 as entering a "geopolitical recession." Is the present that stark? Is there a near-term geopolitical re-awakening of an international order or is nationalism here to stay for the foreseeable future?

This panel will examine what is important about the geopolitical changes sweeping the globe. Where and what are the geopolitical hotspots? The panel will place particular emphasis on what is important about the political, economic and societal changes sweeping across the United States. Focus will be given to why these geopolitical trends and disruptions should matter

to the (re)insurance and business community. From South Africa to North Korea, from cyber-menacing to technology transforming industries, the most critical geopolitical challenges of the near and long term will be discussed and try to answer a question: Is there hope for a geopolitical renaissance and if so, from where will that leadership emerge and what shape may it take?



J. Craig Venter

Co-Founder, Executive Chairman and Head of Scientific Strategy Human Longevity Inc.



J. Craig Venter, PhD, is regarded as one of the leading scientists for his numerous invaluable contributions to genomic research. Dr Venter is Co-Founder, Executive Chairman, Head of Scientific Strategy at Human Longevity Inc., the genomic-based, health intelligence company empowering proactive healthcare. Dr Venter is also Founder, Chairman, and CEO of the J. Craig Venter Institute (JCVI), a not-for-profit, genomics-focused research organization and is Co-Founder, Executive Chairman and Co-Chief Scientist of Synthetic Genomics Inc., a privately held company developing products and solutions including sustainable bio-fuels, vaccines, biotherapeutics and transplantable organs.

Dr. Venter is the recipient of numerous honorary degrees and scientific awards, including the 2007 U.S. National Medal of Science. He has published two books, *A Life Decoded* (Viking, 2007) and *Life at the Speed of Light* (Viking, 2013).



Low for Long: Societal Ramifications of Increased Longevity and Low Interest Rates

Chaired by John R. Strangfeld | Chairman and Chief Executive Officer | Prudential Financial



John R. Strangfeld
Chairman and Chief Executive Officer
Prudential Financial



Donald A. GuloienPresident and Chief Executive Officer
Manulife Financial Corporation



Richard Jackson
President
Global Aging Institute (GAI)



Yoshinobu Tsutsui President Nippon Life Insurance Company

Persistently low and in some cases negative interest rate policies adopted by many industrialized economies since the financial crisis have impacted insurer profitability and margins. While the impact of prolonged low rates on insurers is of growing concern to regulators, without doubt the life insurance industry will endure.

Low interest rates make it more difficult for people to "enjoy" the benefits of compound interest and to save for retirement. They also make preserving people's quality of life—a key role of the life insurance sector—more challenging. Low rates also further contribute to under saving for retirement and, over the long-term, could decrease the value of insurance and retirement income products and pensions to consumers and society as a whole. This is compounded by the fact that longer life expectancies and low fertility rates will place additional strain on public pension systems and demand greater responsibility from the individual and more innovation from insurers.

Governments and society cannot afford to see people retiring into poverty—this is an unsustainable proposition.

In the long-run, governments will be the ultimate bearers of these issues, as a greater percentage of retirement income will need to come from social insurance programs at a time when governments cannot afford to take on these liabilities.

Nonetheless, the insurance sector will need to continue to serve society. It will need to innovate to adjust to these economic and demographic conditions to meet needs—as it has done for over a century. In fact, insurers are uniquely positioned to assist people and employers in navigating these economic headwinds. The expertise that life insurers have in managing interest rate/investment and sequence of returns risks as well as longevity is unmatched. Life insurers can and will be part of the solution to these challenges—we will provide for more effective planning, predictability and ultimately peace of mind.

While the economics and numbers of low rates and insurance are important, this panel will approach the topic from a societal perspective. It will tell the story through the eyes of our customers—focusing on their needs in the future and the industry's role going forward.



The Insurability of Cyber Risks

Chaired by Inga Beale | Chief Executive Officer | Lloyd's



Inga Beale Chief Executive Officer Lloyd's



Michael Coden Associate Director MIT Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity Head of Cybersecurity Practice **BCG Platinion**



Eric Guard Vice President Risk Management **Ross Stores**



Stuart Madnick Professor of Information Technology and Engineering Systems MIT Sloan School of Management



Arvind Parthasarathi Founder and Chief Executive Officer Cyence

Cyber risks to commercial operations continue to expand in type and scale. Insurance has emerged as an important part of the professional solution to this pervasive problem. Market size estimates and forecasts may vary, but there is common agreement that the sector for cyber insurance products is growing.

To meet the demand for competitive products and services, insurance companies must address some difficult issues around data and product positioning. New approaches and research is starting to appear and these issues are starting to be understood, yet there is still much work to be done to consolidate the cyber risk sector into a stable, well understood, field of insurance.

This session will start with an introduction drawn from a study sponsored by The Geneva Association being currently undertaken by MIT and the Boston Consulting Group. The study addresses a number of issues affecting the insurability of cyber risks. Through questions discussed by an expert panel, the session will then explore some of the deeper issues including data availability, the substantial potential for loss aggregation and the presentation of insurance products to the commercial sector. Following the panel session the topic will be opened up for wider comment and discussion with session attendees.



Hal Gregersen

Executive Director | MIT Leadership Center



Hal B. Gregersen is the executive director of the MIT Leadership Center and a senior lecturer in leadership and innovation at the MIT Sloan School of Management. He co-authored The Innovator's DNA: Mastering the Five Skills of Disruptive Innovators with Harvard professor Clayton Christensen and Brigham Young professor Jeff Dyer. The book evolved from the co-authors' 2009 article of the same name that was runner-up for the prestigious McKinsey Award for best Harvard Business Review article. In the book the authors identify five abilities demonstrated by the best innovators and explain how you can master these skills as well. This book, written by the foremost authorities on innovation, finally reveals the code to becoming a successful innovator. Gregersen's next book will deal with great leader's and innovator's most critical skill, Questioning.

To grasp how leaders find and ask the right questions—ones that disrupt how we view and interact with the world—Gregersen is now studying over 100 renowned innovative leaders, including Amazon's Jeff Bezos and P&G's A.G. Lafley. This questioncentric research project, conducted in collaboration with Clayton Christensen, is already surfacing insights into how leaders can build better questions to unlock game-changing solutions. Gregersen is also founder of the 4-24 Project, an initiative dedicated to rekindling the provocative power of asking the right questions in adults so they can pass this crucial creativity skill onto the next generation in order to improve organizations, communities and global society.



Disruptive Innovation—What's in Store for the Near Future?

Chaired by Lard Friese | Chairman Executive Board and Chief Executive Officer | NN Group N.V.



Lard Friese Chairman Executive Board and Chief Executive Officer NN Group N.V.



Saeed Amidi Founder and Chief Executive Officer Plug and Play Tech Center



Charles Brindamour Chief Executive Officer Intact Financial Corporation



Mike Cagney Chief Executive Officer, Chairman and Co-Founder



Hal Gregersen **Executive Director** MIT Leadership Center

As financial services companies, banks in particular, are challenged by numerous start-ups which threaten to disrupt the sector, it is uncertain whether the impact of "insurtech" will be as disruptive to the traditional insurance industry and what shape that disruption will take. Yet, as the prominence of insurtech companies grows, the future landscape of insurance may comprise a variety of business models, with traditional insurers implementing the best of new technologies in their existing operations; and start-ups developing innovative approaches for specific elements of the insurance value chain.

The outcome will much depend on the speed with which traditional insurers can adapt their activities—and cultures—and to what extent the regulatory framework

is applied equally to both insurtech companies and incumbents.

A key focus of this panel will be on the extent to which new technologies disrupt the insurance sector, and how quickly this might occur. The panel will also discuss what CEOs can do themselves to embed an innovation-driven mindset within their own companies, and what they can learn from non-insurance firms. This includes how insurers can speed up the learning curve internally in order to interact with insurtech firms and get the best out of both worlds.



Daniel S. Goldin

Chairman and CEO | KnuEdge Former Administrator | National Aeronautics and Space Administration (NASA)



Dan Goldin is the Founder and CEO of KnuEdge, a company he formed in 2005 to bring real thinking to machines.

Dan's fascination in the relationship between biology and machines is long-standing. Prior to founding KnuEdge, Dan was the longest tenured Administrator of NASA, where he not only led the reemergence of the organization through its most challenging times in space history, but also fostered the creation of the Biological and Physical Research Enterprise to enhance rigorous interdisciplinary research across biology and physical sciences at the agency.

Upon leaving NASA in 2001, Dan went back to school at the Neurosciences Institute in San Diego, CA to further his career and education in neurobiology. During this time, Dan studied under Gerald Edelman, the Father of Neural Darwinism. In 2005. Dan and his classmates built a robot for a robotics soccer match, where they defeated Carnegie Mellon 23-3, catalyzing his jump into raising funds for KnuEdge.

Since his founding of KnuEdge in 2005, Dan has spent 10 years researching, developing and commercializing with the U.S. Government in stealth and publicly launched the company in 2016 with an operational neural chip. Today, Dan is bringing to market a 130 million core supercomputer, connecting hundreds of thousands of these chips, designed specifically for bringing real intelligence to machines.



Insurance of the Future—How Technology will Impact the Insurance Value Chain

Chaired by Christian Mumenthaler | Group Chief Executive Officer | Swiss Re



Christian Mumenthaler **Group Chief Executive Officer** Swiss Re



Doug McElhaney Vice President McKinsey & Company



Jon McNeill President for Sales and Services Tesla



Manoj Saxena **Executive Chairman** Cognitive Scale



Asher Sinensky Senior Executive Palantir

Technology is driving an underlying change of the insurance industry, from a traditional state of "understanding and covering" to a future state of "predicting and preventing". The session will discuss how specific technologies can help change the value chain of insurance for the better from an intentional perspective by significantly lowering the costs across the entire value chain, making sales processes more engaging, improving risk selection, pricing, claims and creating new solutions and services.

The objective is to engage in a debate that is different from the usual high level "Technology Disrupts the World" statements, and that instead goes a longer way into illustrating practically how the technology transformation is taking place, what the impact will be, what the obstacles are, and ultimately the change in mind set that it will require.

The panellists have all gone a long way into either applying technology in insurance issues for their businesses, or have an intimate understanding of the topic and exceptional insights to share.



Saeed Amidi

Founder and Chief Executive Officer | Plug and Play Tech Center



Saeed co-founded the Amidi Group in 1980, a conglomerate of privately-held business enterprises consisting of several domestic and international entities with significant manufacturing, distribution, trading, retail, and real estate holdings.

Saeed has been a technology investor since 1998 and cofounded Amidzad with Pejman and Rahim in 1999. He has been closely involved with many new emerging growth companies, including 3 investments with over \$1B valuation: Paypal (acquired by eBay), Lending Club (IPO, Dec 2014) and DropBox.

Saeed founded Plug and Play, the ultimate startup ecosystem, in 2006. Since then, the Plug and Play portfolio has raised over \$4B and created thousands of job opportunities in the tech sector.

His Plug and Play vision conceived a multi-national corporate platform for Fortune 1000 companies giving corporations and investors access to the most innovative startup ideas, ranging from pre-seed all the way to public companies.

Currently he co-invests with more than 300 corporations from various industries including Finance, Brand & Retail, Internet of Things, Health, Travel & Hospitality, Mobility and Insurance.

Saeed is an active member of the tech community and a frequent contributor to numerous charitable foundations. He is also an active member of the Young Presidents Organization (YPO), a world-class network of Fortune 500 CEOs, accomplished serial entrepreneurs and veteran financial executives.

Inga Beale CEO | Lloyd's



Inga Beale DBE joined Lloyd's as the Chief Executive Officer in January 2014.

Prior to Lloyd's, Inga was the Group Chief Executive Officer at Canopius, a prominent Lloyd's managing agent, from 2012 – 2013. Inga joined Zurich Insurance Group in 2008 as a member of the Group Management Board in Zurich with responsibility for Mergers & Acquisitions, Organisational Transformation and Internal Consulting, before becoming Global Chief Underwriting Officer in 2009.

In 2006, Inga was appointed Group Chief Executive Officer of Converium in Switzerland (now part of the SCOR Group) after 14 years at GE Insurance Solutions. Inga held various underwriting management roles at GE and gaining experience across London, the U.S. and France, before becoming President of GE Frankona and Head of Continental Europe, Middle East and Africa for GE Insurance Solutions based in Germany.

Inga began her career at the Prudential Assurance Company in London in 1982 and trained as an international treaty reinsurance underwriter.

Inga is a member of the UK Government's Financial Services Trade and Investment Board and the London Mayor's Business Advisory Board. In July 2016 she also joined the Board of the UK Chartered Insurance Institute.



Ian Bremmer

President | Eurasia Group



lan Bremmer is the president and founder of Eurasia Group, the leading global political risk research and consulting firm. He is a prolific thought leader, author and noted lecturer, regularly expressing his views on political issues in public speeches, television appearances and top publications. Dubbed the "rising guru" in the field of political risk by The Economist, he teaches classes on the discipline as Global Research Professor at New York University and is a Foreign Affairs Columnist and Editor at Large for Time magazine.

He is the author of several books, including the national bestsellers Every Nation for Itself: Winners and Losers in a G-Zero World; and The End of the Free Market: Who Wins the War Between States and Corporations? His latest book, Superpower: Three Choices for America's Role in the World, focuses on the future of America's role in the world. Find him on Facebook, LinkedIn and Twitter @lanBremmer.

Charles Brindamour

Chief Executive Officer | Intact Financial Corporation



Charles Brindamour is Chief Executive Officer of Intact Financial Corporation, Canada's largest Property & Casualty insurance provider.

He began his career with Intact in 1992 and has held progressively senior roles, in Canada and abroad, within Intact and its former affiliates, including Senior Vice President of Personal Lines, Executive Vice President and Chief Operating Officer. Mr Brindamour was appointed as President and CEO in January, 2008.

Under Mr Brindamour's leadership the Company became an independent and widely-held Canadian company in 2009 and two years later engineered the acquisition of AXA Canada; the largest acquisition in the history of Canada's property and casualty insurance industry. With market capitalization of more than \$12 billion as at December 31, 2015, Intact Financial ranks amongst the largest companies listed on the TSX.

Charles Brindamour is a graduate of Laval University in Actuarial Sciences and an Associate of the Casualty Actuarial Society. He is a board member of Intact Financial Corporation, Hydro One Limited, the C.D. Howe Institute, Branksome Hall and the Insurance Bureau of Canada. He is also a member of the Advisory Committee of the University of Waterloo's Climate Change Adaptation Project, serves on the advisory board of Gibraltar Growth Corporation and is co-chair of Laval University's "Grande Campagne".



Mike Cagney

Chief Executive Officer, Chairman and Co-Founder | SoFi



As the CEO, Chairman and co-founder of SoFi, Mike Cagney leads corporate strategy and development at SoFi-bringing decades of experience in the financial industry to his leadership of the company. He's held a Senior Vice President role at Wells Fargo, where he was head trader for the proprietary trading and financial products group. Mike is also co-founder and a managing member of Cabezon Investment Group, a global macro hedge fund, in addition to serving as a non-executive Chairman of ReFlow. Before Cabezon, Mike founded, was CEO and then Vice Chairman and Chief Architect, of Finaplex, a leader in wealth management software that was sold to Broadridge (NYSE: BR).

While overseeing SoFi's overall direction, Mike makes a daily point to interact with SoFi's member base, now more than 275,000 members. In addition to reading and responding to member feedback, he hosts SoFi member dinners at his San Francisco home to better know our customers and understand their financial goals.

Mike holds an MS, Management degree from the Stanford Graduate School of Business, where he was a Sloan Fellow. He also holds a MS in applied economics from UC Santa Cruz.

Eric Cantor

Former Majority Leader of the U.S. House of Representatives Vice Chairman and Managing Director | Moelis & Company



Eric Cantor is the Vice Chairman and a Managing Director at Moelis & Company where he also serves on the Board of Directors. He joined the firm in 2014 to advise clients on public policy issues across industry sectors, particularly where international business and finance intersect.

Mr. Cantor, who has more than 25 years of political and business experience, was formerly United States Representative from Virginia. He served as House Majority Leader from 2010-2014, during which he led the public policy agenda for the House. During his time in office, Mr. Cantor was a champion of pro-growth solutions including lowering taxes, eliminating excessive regulation, strengthening businesses and encouraging entrepreneurship.



Michael Coden

Associate Director | MIT Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity Head of Cybersecurity Practice | BCG Platinion



Michael is co-founder and Associate Director of the MIT Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, and Head of the Cybersecurity Consulting Practice at BCG Platinion, a company of The Boston Consulting Group.

Michael assisted the White House National Security Council in development of the NIST Cybersecurity Framework, and has been an editor of international cybersecurity standards.

Michael is developing methods for quantifying cybersecurity risk, determining ROI on cybersecurity investments, and making cybersecurity a business enabler and competitive differentiator in the same way as quality, safety, ethics, and compliance. He applies these methods advising companies on new areas for product and market development as well as asset protection.

He has published numerous scholarly articles, a book, appeared on radio and television, and authored 16 patents on cybersecurity hardware and software technologies.

Michael has a BSEE from MIT, MBA from Columbia University, and a MS in Mathematics from the Courant Institute of Mathematical Sciences at NYU.

Lard Friese

Chairman Executive Board and Chief Executive Officer | NN Group N.V.



Chief Executive Officer (CEO) of NN Group and Chairman of the Executive Board and the Management Board of NN Group.

Lard Friese was appointed as CEO of NN Group on 7 July 2014. Previously he was Member of the Management Board of ING Insurance. Lard Friese joined NN/ING on 1 September 2008.

Lard Friese has more than 25 years' experience in the financial services industry.

Before working at ING/NN, he also held leadership positions at AEGON, VNU/ACNielsen, Ceska Pojistovna and Generali-PPF Holding.

Lard Friese holds an MSc degree in Law from Utrecht University (the Netherlands).



Daniel S. Goldin

Chairman and CEO | KnuEdge Former Administrator | National Aeronautics and Space Administration (NASA)



Dan Goldin is the Founder and CEO of KnuEdge, a company he formed in 2005 to bring real thinking to machines.

Dan's fascination in the relationship between biology and machines is long-standing. Prior to founding KnuEdge, Dan was the longest tenured Administrator of NASA, where he not only led the reemergence of the organization through its most challenging times in space history, but also fostered the creation of the Biological and Physical Research Enterprise to enhance rigorous interdisciplinary research across biology and physical sciences at the agency.

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Since his founding of KnuEdge in 2005, Dan has spent 10 years researching, developing and commercializing with the U.S. Government in stealth and publicly launched the company in 2016 with an operational neural chip. Today, Dan is bringing to market a 130 million core supercomputer, connecting hundreds of thousands of these chips, designed specifically for bringing real intelligence to machines.

Hal Gregersen

Executive Director | MIT Leadership Center



Hal B. Gregersen is the executive director of the MIT Leadership Center and a senior lecturer in leadership and innovation at the MIT Sloan School of Management. He co-authored *The Innovator's DNA: Mastering the Five Skills of Disruptive Innovators* with Harvard professor Clayton Christensen and Brigham Young professor Jeff Dyer. The book evolved from the co-authors' 2009 article of the same name that was runner-up for the prestigious McKinsey Award for best Harvard Business Review article. In the book the authors identify five abilities demonstrated by the best innovators and explain how you can master these skills as well. This book, written by the foremost authorities on innovation, finally reveals the code to becoming a successful innovator. Gregersen's next book will deal with great leader's and innovator's most critical skill, Questioning.

To grasp how leaders find and ask the right questions—ones that disrupt how we view and interact with the world—Gregersen is now studying over 100 renowned innovative leaders, including Amazon's Jeff Bezos and P&G's A.G. Lafley. This question-centric research project, conducted in collaboration with Clayton Christensen, is already surfacing insights into how leaders can build better questions to unlock game-changing solutions. Gregersen is also founder of the 4-24 Project, an initiative dedicated to rekindling the provocative power of asking the right questions in adults so they can pass this crucial creativity skill onto the next generation in order to improve organizations, communities and global society.



Eric Guard

Vice President Risk Management | Ross Stores



Eric Guard has served over 20 years in a corporate risk management position. Since 2015, Eric has been the Vice President of Risk Management for Ross Stores, Inc., a \$12 billion Fortune 500 company, and is responsible for the company's operational and strategic risk programs.

Prior to his carrier at Ross, Eric headed up risk management for 24 Hour Fitness USA, Inc. and did a short stint as a workers' compensation claims adjuster after graduating from the University of California, San Diego. He is a native of San Diego, California and has lived in the San Francisco Bay Area since 2007.

Donald A. Guloien

President and Chief Executive Officer | Manulife Financial Corporation



Donald Guloien is the President and Chief Executive Officer of Manulife. A 35-year company veteran, he is a member of the Board of Directors and Chair of the Company's Executive Committee. Mr. Guloien is a Director of the Geneva Association, a member of the Mayor of Shanghai's International Business Leaders' Advisory Council, a member of the Board of the Business Council of Canada, the Immediate Past Chair and a Director of the Canadian Life and Health Insurance Association. a Trustee of The Hospital for Sick Children, a Governor of Branksome Hall and a member of the Campaign Cabinet for United Way. He is also a member of the Ticker Club and the World Presidents' Organization. Mr. Guloien has been named International Business Executive of the Year by the Canadian Chamber of Commerce, awarded The Queen Elizabeth II Diamond Jubilee medal, and received the Arbor Award for his many contributions to the University of Toronto. He was ranked among the top 5 Highest Rated CEOs in Canada in Glassdoor. com's 2015 Employees' Choice Awards, based on assessments by current and past employees.

Mr. Guloien started in Corporate Planning and during his career at Manulife has held a variety of leadership roles in insurance and investments operations, global acquisitions and business development. Before assuming his current role, he was Senior Executive Vice President and Chief Investment Officer, where he was recognized as a leading global investment executive.

Mr. Guloien is actively involved with the University of Toronto, where he is a member of the Campaign Cabinet. Mr. Guloien holds a B. Comm. from the University of Toronto.



Richard Jackson

President | Global Aging Institute (GAI)



Richard Jackson is the founder and president of the Global Aging Institute (GAI), a nonprofit research and educational organization dedicated to improving understanding of the economic, social and geopolitical challenges created by population aging. He is also a senior associate at the Center for Strategic and International Studies (CSIS) and a senior advisor to the Concord Coalition.

Richard is the author or co-author of numerous policy studies, including Global Aging and Retirement Security in Emerging Markets: Reassessing the Role of Funded Pensions (2015); Lessons from Abroad for the U.S. Entitlement Debate (2014); The Global Aging Preparedness Index, Second Edition (2013); and The Graying of the Great Powers: Demography and Geopolitics in the 21st Century (2008). Richard regularly speaks on demographic issues and is widely quoted in the media. He holds a PhD in history from Yale University and lives in Alexandria, Virginia, with his wife Perrine and their three children, Benjamin, Brian and Penelope.

Stuart Madnick

Professor of Information Technology and Engineering Systems | MIT Sloan School of Management



Dr Madnick involvement in cybersecurity research goes back to 1979, when he co-authored the book *Computer Security*. Currently, he heads MIT's Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity aka (IC)3

Dr Madnick holds a PhD in computer science from MIT and has been an MIT faculty member since 1972. He served as the head of MIT's Information Technologies Group in the Sloan School of Management for more than 20 years. He is the author or coauthor of more than 300 books, articles and reports. Besides cybersecurity, his other research interests include big data, semantic connectivity, database technology, software project management and the strategic use of information technology.

Dr. Madnick has been active in industry as a developer of IBM's VM/370 operating system and Lockheed's DIALOG system. He has served as a consultant to major corporations and has been the co-founder of five high-tech firms and currently operates the 14th-century Langley Castle Hotel in England.



Doug McElhaney

Vice President | McKinsey & Company



Doug McElhaney is a McKinsey Vice President and the Leader of Ingenuity—McKinsey's advanced analytics service line for Insurance. In this role he leads a global team of Data Scientists and Insurance analytics experts who focus on creating and delivering distinctive analytic solutions within the Insurance and Financial Services industries. He has deep experience in the areas of advanced analytics, operations management and process improvement.

Prior to joining McKinsey Doug spent 9 years at GE where he focused on utilizing analytics, data and technology to drive stepchange improvements as part of GE's Lean Six Sigma program. In his work at both GE and in the consulting industry, Doug has helped organizations achieve long-term impact by driving improvements in analytics execution, service delivery and cost management. He also has several years experience helping organizations identify the most effective ways to incorporate analytics and technology into their operations.

Mike McGavick

Chief Executive Officer | XL Group



Mike McGavick serves as CEO of XL Group, the parent company of the XL Catlin insurance and reinsurance companies. Mike is currently the Chairman of The Geneva Association and is a Director and Immediate Past Chairman of the Association of Bermuda Insurers & Reinsurers. He is on the board of the Global Reinsurance Forum, the American Insurance Association, the Insurance Information Institute and the International Insurance Society.

Mike's numerous recognitions within the insurance industry include: Insurance Day's Industry Achiever of the Year, Insurance Leader of the Year by St. John's University School of Risk Management, a top 100 Game Changer in the last hundred years of the insurance industry by Leaders Edge, the Bermuda Insurance Institute's (Re)insurance Person of the Year, the Review Magazine's Industry Personality of the Year and Reactions Magazine's Insurance CEO of the Year, amongst others. From 2001 to 2005, Mike was chairman, president and CEO of Safeco Corporation. Prior to joining Safeco, Mike spent six years with CNA Financial Corporation, where he held various senior positions, including president and CEO of the company's largest commercial insurance unit.

Outside the industry, Mike is involved in a number of community, public affairs and service activities and organizations.



Jon McNeill

President for Sales and Services | Tesla



Jon McNeill serves as Tesla's President of Global Sales, Service and Delivery, overseeing all customer-facing operations. Prior to Tesla, he was the CEO and founder of multiple software, manufacturing and automotive companies.

Fast Company magazine named him one of the 10 most innovative CEOs in the US. In 2012 Jon was named Ernst & Young Entrepreneur of The Year and in 2013 he was named "Most Admired CEO" by the Boston Business Journal. Jon began his career at Bain & Company. He is a graduate of Northwestern University.

Christian Mumenthaler

Group Chief Executive Officer | Swiss Re



Christian Mumenthaler has been Group Chief Executive Officer of Swiss Re since July 2016. Prior to this, he successfully led the Reinsurance Business Unit from October 2011, maintaining underwriting outperformance in Property & Casualty while improving profitability in Life & Health. From January to October 2011, he served as Chief Marketing Officer for Reinsurance. Christian Mumenthaler was Head of Life & Health in the (re)insurance products area between 2007 and 2010, where he defined and implemented strategies to access new value chains and further expand the health segment. He first became a member of the Group Executive Committee in 2005, when he was named Group Chief Risk Officer.

In 2002 Christian Mumenthaler established a new unit, Group Retro and Syndication, with the aim to optimise the Group's risk and capital base through retrocession and securitisation. Between 1999 and 2002 Christian Mumenthaler was responsible for a number of key company projects.

Christian Mumenthaler started his professional career in 1997 as an associate with the Boston Consulting Group.

He is a member of the Foundation Board of the International Risk Governance Council (IRGC) and of the Board of Directors of The Sustainability Forum Zurich (TSF).

Christian Mumenthaler was born in 1969 and is a Swiss citizen. He holds a PhD from the Institute of Molecular Biology and Biophysics at the Swiss Federal Institute of Technology (ETH) in Zurich.



Arvind Parthasarathi

Founder and Chief Executive Officer | Cyence



Arvind Parthasarathi is a founder and the CEO of Cyence. Previously, he was President of YarcData LLC pioneering an analytics platform for data discovery and now part of Cray Inc. Before that, Arvind was Senior Vice President and General Manager of Master Data Management at Informatica Corporation where he led a global team building big data management and analytics solutions for various industries including insurance and financial services.

Arvind started his career in data at Oracle Corporation. He holds a bachelor's degree in computer science from the Indian Institute of Technology and a master's degree in computer science from the Massachusetts Institute of Technology. Arvind serves on the board of trustees of the Center for Excellence in Education, a nonprofit focused on STEM for high school students.

Manoj Saxena

Executive Chairman | Cognitive Scale



Manoj Saxena is the Executive Chairman of Cognitive Scale and a founding managing director of The Entrepreneurs' Fund IV, a \$100m seed fund focused exclusively on the cognitive computing and machine intelligence market with eight active investments.

Previously, he was IBM's first general manager of IBM Watson (2011-14), where his team built the world's first cognitive systems for healthcare, retail and financial services. He received the IBM Chairman's award for Watson commercialization and helped with the formation of Watson Business Group in January 2014 with a \$1B investment from IBM.

Prior to IBM, he successfully founded, scaled and sold two venture-backed software companies within a five-year span. Webify, an emerging leader in industry-specific SOA middleware, was acquired by IBM in 2006; and Exterprise, a business process collaboration company, was purchased by Commerce One in 2001.

Holder of nine software patents, Saxena also serves as Chairman for the Federal Reserve Bank of Dallas, San Antonio Branch and the Saxena Family Foundation.

An avid auto racing enthusiast, he has completed track, endurance and auto rally races around the world including 24-day Singapore-Malaysia-Thailand-Burma race, a 19-day Trans-America race and a 10-day Madrid to Marrakesh race.

Saxena holds a masters degree in business administration from Michigan State University, and a masters in management sciences from the Birla Institute of Technology & Science in Pilani, India.



Asher Sinensky

Senior Executive | Palantir



Dr Asher Sinensky is a senior member of Palantir's executive team having joined Palantir in 2007 after completing his PhD from the Massachusetts Institute of Technology.

During his tenure, Asher has been deeply engaged with all levels of Palantir's operations including the Technical (Data Modeling, Product Management), Business (Founding Palantir's European Presence), and Customer Engagement (Worked with many customers and recently acted as the Interim Chief Data Officer for a large media client).

Asher has maintained a deep emphasis on understanding data and ontologies throughout his time at Palantir and continues to learn, speak and teach about these topics.

John R. Strangfeld

Chairman and Chief Executive Officer | Prudential Financial



John Strangfeld is Chairman and Chief Executive Officer of Prudential Financial.

Before Mr Strangfeld was named Chairman and CEO in 2008, he was Vice Chairman responsible for Prudential's U.S. Businesses, which include both the Investment and the Insurance Divisions. Prior to his position as Vice Chairman, Mr Strangfeld held a variety of senior investment positions at Prudential Financial, both within the U.S. and abroad.

Mr Strangfeld received a bachelor's degree in Business Administration from Susquehanna University and an MBA from the Darden School of Business at the University of Virginia. He also holds the Chartered Financial Analyst designation.

Mr Strangfeld serves as a Vice Chairman of the Geneva Association. He is Chair of the Board of Directors of the New Jersey Performing Arts Center and serves as a member of the Board of Memorial Sloan Kettering Cancer Center.



Yoshinobu Tsutsui

President | Nippon Life Insurance Company



Yoshinobu Tsutsui, born in 1954, holds a Bachelor of Economics degree from Kyoto University in Japan.

He joined Nippon Life Insurance Company in 1977 and served as General Manager of Nagaoka Branch (1999-), Public Affairs Department (2001-), Corporate Planning Department (2003-) and was appointed as a Director in July 2004.

As a Managing Director since 2007 and Senior Managing Director since 2009, he has been responsible for various fields such as Corporate Planning, Public & Investors Relations, Research, Actuarial, Legal, Product Development, Credit Analysis and Securities Operations.

In 2011, Mr Tsutsui was named President of Nippon Life. Aside from leading the life insurance company with almost 130 years of history in Japan, he is driving the expansion of Nippon Life's international business and fostering long-term relationships with financial institutions abroad.

J. Craig Venter

Co-Founder, Executive Chairman and Head of Scientific Strategy | Human Longevity Inc.



J. Craig Venter, PhD, is regarded as one of the leading scientists for his numerous invaluable contributions to genomic research. Dr Venter is Co-Founder, Executive Chairman, Head of Scientific Strategy at Human Longevity Inc., the genomic-based, health intelligence company empowering proactive healthcare. Dr Venter is also Founder, Chairman, and CEO of the J. Craig Venter Institute (JCVI), a not-for-profit, genomics-focused research organization and is Co-Founder, Executive Chairman and Co-Chief Scientist of Synthetic Genomics Inc., a privately held company developing products and solutions including sustainable bio-fuels, vaccines, biotherapeutics and transplantable organs.

Dr. Venter is the recipient of numerous honorary degrees and scientific awards, including the 2007 U.S. National Medal of Science. He has published two books, *A Life Decoded* (Viking, 2007) and *Life at the Speed of Light* (Viking, 2013).



Your Notes

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This booklet provides detailed information on the programme of discussion sessions and the speaker biographies for The Geneva Association's 44th General Assembly in San Francisco.

