

The 18th Annual Mitsui USA Symposium

Social Innovation with Innovative Cybernic Systems: Challenges to Shape the Future "Society 5.0"

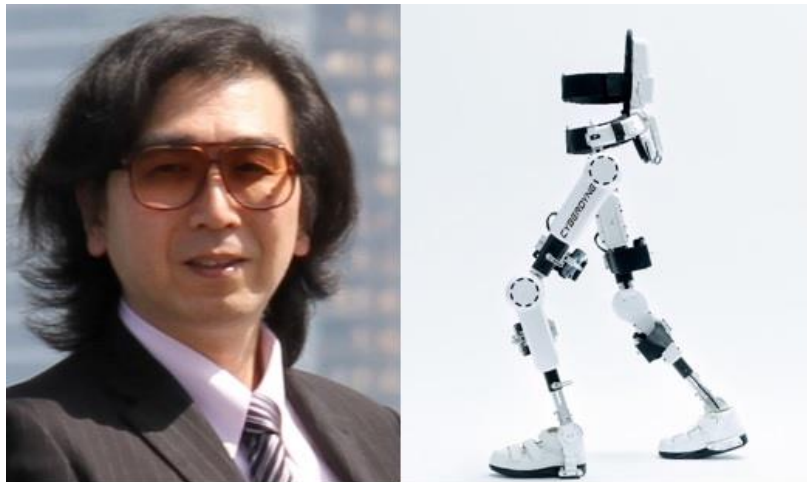
Tuesday, April 11, 2017

6:30 – 8:00 PM (reception to follow)

Room 142, Uris Hall, Columbia Business School

Co-sponsored by:

Center on Japanese Economy and Business at Columbia Business School *and*
The Mitsui U.S.A. Foundation



Prof. Sankai, University of Tsukuba, CYBERDYNE Inc

Featuring:

Yoshiyuki Sankai, Ph.D.

CEO and President, Cyberdyne Inc;

Professor and Director, Center for Cybernics Research (CCR), University of Tsukuba;

Program Manager, IMPACT, promoted by the Cabinet Office, Government of Japan

Yoshiyuki Sankai acquired a Ph.D. in Engineering from the University of Tsukuba, Japan, in 1987. He is a Professor and the Director at the Center for Cybernics Research, University of Tsukuba, the President and CEO of CYBERDYNE Inc., and a Program Manager of the Impulsing Paradigm Change through Disruptive Technologies (IMPACT) Program, initiated by the Council for Science, Technology and Innovation (CSTI) of the Cabinet Office, Japan.

He is a fellow of the Robotics Society of Japan (RSJ) (2012), Society of Instrument and Control Engineers (SICE) (2014) and also a council member of the Global Future Council on Human Enhancement of the World Economic Forum (2016-2018). He also served as a Chairman (2005) and an Executive Board member (2004-2005) of Advanced Robotics, as well as an Executive Board member (2000-2017), congress head (2003), and President (2003) of the Japan Society of Embolus Detection and Treatment.

He has pioneered innovative cyborg-type robot technology in a new academic field, "Cybernics: the fusion and combination of humans, machines and information systems".

Introduction/ Moderated by:

Hugh Patrick

Robert D. Calkins Professor of International Business Emeritus;
Director, Center on Japanese Economy and Business, Columbia Business School; Co-Director, APEC Study Center, Columbia University

Hugh Patrick is founder and director of the Center on Japanese Economy and Business at Columbia Business School, co-director of Columbia's APEC Study Center, and R.D. Calkins Professor of International Business Emeritus. He joined the Columbia faculty in 1984 after some years as professor of economics and director of the Economic Growth Center at Yale University. He completed his Bachelor of Arts degree at Yale

University (1951), earned Master of Arts degrees in Japanese Studies (1955) and economics (1957) and a Ph.D. in economics at the University of Michigan (1960). He has been a visiting professor at Hitotsubashi University, University of Tokyo and University of Bombay.

Professor Patrick has been awarded Guggenheim and Fulbright fellowships and the Ohira Prize. His professional publications include 18 books and some 60 articles and essays. His most recent publications are *How Finance is Shaping the Economies of China, Japan, and Korea* (Columbia University Press, 2013), co-edited with Yung Chul Park, and *Reviving Japan's Economy: Problems and Prescriptions* (MIT Press, 2005), coauthored and coedited with Takatoshi Ito and David E. Weinstein.

Professor Patrick served as one of four American members of the binational Japan United States Economic Relations Group appointed by President Carter and Prime Minister Ohira from 1979-1981. He was a member of the Board of Directors of the Japan Society for seven three-year terms. In November 1994 the Japanese Government awarded him the Order of the Sacred Treasure, Gold and Silver Star (Kunitō Zuihōshō). He was awarded an honorary doctorate of social sciences by Lingnan University, Hong Kong in 2000 and the Eagle on the World award by the Japan Chamber of Commerce and Industry of New York in 2010.

About the Center on Japanese Economy and Business at Columbia Business School

Established at Columbia Business School in 1986 under the direction of Professor Hugh Patrick, the Center on Japanese Economy and Business (CJEB) promotes knowledge and understanding of Japanese business and economics in an international context. CJEB is a research organization widely recognized for its international symposia, conferences, and lectures held both in New York City and Tokyo, which provide prominent speakers from the public and private sectors a forum for collaboration and reflection on Japan, the United States, and the global economy.

Under the leadership of Professor David E. Weinstein, CJEB director of research, the center supports research projects and library and computer-based resource initiatives. Other core faculty members are Japan specialists drawn from Columbia's Business School, Law School, School of International and Public Affairs, Economics Department, and Department of Political Science. Funding and resources are provided by corporate sponsors, foundations, individuals, Columbia Business School, and the University.

Over the course of the last 30 years, CJEB has developed, grown, and evolved in order to carry out its mission effectively in a changing Japan and a changing world. In this way, CJEB has been able to build and maintain its status as the preeminent academic center in the United States on Japanese business and economics.

Website: www.gsb.columbia.edu/cjeb

About Mitsui USA

With a long history in the U.S., Mitsui & Co. (U.S.A.), Inc. ("Mitsui USA") is a wholly owned subsidiary of Mitsui & Co., Ltd., Tokyo, Japan. Mitsui & Co. is one of the most diversified and comprehensive trading, investment, and service enterprises in the world and has 139 offices and overseas trading affiliates in 66 countries/regions as of March 31, 2016. Mitsui & Co. pursues "360° business innovation" that ranges from product sales, worldwide logistics, and financing, through to the development of major international infrastructure and other projects.

With an extensive global network and traditional core competence in export, import, offshore trading, and domestic businesses, Mitsui USA will multilaterally pursue business as "Your Global Business Partner®" while remaining committed to sustainable growth and good corporate citizenship.

About The Mitsui U.S.A. Foundation

Established in 1987, The Mitsui U.S.A. Foundation is the philanthropic arm of Mitsui & Co. (U.S.A.), Inc. for active, social contribution programs in communities where the Company does business. Currently, it supports about 50 initiatives across the U.S. More than 50% of its grants target education primarily for: college level scholarships, study abroad, forums and Japan research; and about 40% target community welfare, with a focus on support of disabled individuals, at-risk children, seniors and hunger relief. Grants are rooted in its "named" programs, such as Columbia Business School's annual "CJEB / Mitsui USA Symposium," which began 18 years ago.

Website: www.mitsui.com

History of the Mitsui USA Symposium at Columbia Business School:

April 11, 2017

Social Innovation with Innovative Cybernic Systems: Challenges to Shape the Future "Society 5.0"

Speaker: Yoshiyuki Sankai, Ph.D., CEO and President, Cyberdyne Inc; Professor and Director, Center for Cybernics Research (CCR), University of Tsukuba; Program Manager, ImPACT, promoted by the Cabinet Office, Government of Japan

Moderator: Hugh Patrick, CJEB, Columbia Business School

March 1, 2016

Operation Tomodachi: What is the Appropriate Response of a Leader in a Crisis Situation?

Speakers: Paul Ingram, Kravis Professor of Business; Faculty Director, Columbia Senior Executive Program, Columbia Business School

Matthew Feely, Adjunct Assistant Professor, Columbia Business

Moderator: Hugh Patrick, CJEB, Columbia Business School

March 3, 2015

How Supply Chains Respond to Crises: The Japanese Experience

Speakers: Robert Young, Toyota Motor Engineering & Manufacturing North America, Inc.
Albert Matias, Hitachi America, Ltd

Moderator: Fangruo Chen, Columbia Business School

April 23, 2014

How to Buy Japan: Private Equity in a Global Economy

Speaker: Richard Folsom, Advantage Partners, LLP

Discussant: Neal Doying, Lazard Asset Management LLC
Bruce C. Greenwald, Columbia Business School

Moderator: David Weinstein, Columbia University

April 17, 2013

Shale Gas Revolution and Energy Security

Speaker: Nobuo Tanaka, International Energy Agency (IEA); The Institute of Energy Economics, Japan (IEEJ)

Discussant: Geoffrey M. Heal, Columbia Business School
Travis Bradford, Columbia University
Paul J. Scalise, The University of Tokyo

Moderator: Hugh Patrick, CJEB, Columbia Business School

April 4, 2012

The Global Debt Crisis: Will Japan Be Next?

Speaker: Takeo Hoshi, University of California, San Diego

Discussant: Robert J. Hodrick, Columbia Business School

Moderator: David Weinstein, Columbia University

April 13, 2011

The Realities and Relevance of Japan's Great Recession

Speaker: Adam S. Posen, Peter G. Peterson Institute for International Economics
Discussant: David Weinstein, Columbia University
Moderator: Hugh Patrick, CJEB, Columbia Business School

April 6, 2010

Entrepreneurship in Japan

Speakers: Ernest Higa'76, Higa International Co., Inc.
Atsushi Imuta, RISA Partners
Kohei Nishiyama, elephant design co., ltd.
Moderator: Murray Low, Eugene Lang Entrepreneurship Center, Columbia Business School

February 5, 2009

Japan's Solar and Wind Ambitions: How Promising is the U.S. Market?

Speakers: Gen Hajime Ito, Japan External Trade Organization (JETRO) New York
David Kaltsas, SunWize Technologies, Inc.,
Christopher Stolarski, Mizuho Corporate Bank Ltd.
Commentator: Geoffrey Heal, Columbia Business School
Moderator: Hugh Patrick, CJEB, Columbia Business School

February 4, 2008

Sovereign Wealth Funds: Policy Challenges and Market Implications

Speakers: Don Hanna, Citigroup Global Markets
Curtis Milhaupt, Columbia Law School
Moderator: Alicia Ogawa, CJEB, Columbia Business School

January 30, 2007

Investors Unleashed: The Rise of Shareholder Activism in Japan

Speakers: Koji Fusa, Sandringham Capital Partners Limited
Anthony Miller, Ramius Capital Group, LLC
Commentator: Curtis Milhaupt, Columbia Law School
Moderator: Alicia Ogawa, CJEB, Columbia Business School

January 30, 2006

Agents of Change: Women CEOs of U.S.-Based Japanese Subsidiaries

Speakers: Melanie Hart, TASUS Corporation
Yuki Hattori, Dentsu Communications Inc.
Discussant: Schon Beechler, Columbia Business School
Moderator: Hugh Patrick, CJEB, Columbia Business School

February 14, 2005

Japan, APEC, and East Asian Economic Cooperation

Speakers: Peter Drysdale, The Australian National University
Takatoshi Ito, The University of Tokyo
Discussants: Merit E. Janow, Columbia University
Hugh Patrick, CJEB, Columbia Business School
Moderator: David Weinstein, Columbia University

February 19, 2004

The Future of Japanese Corporate Governance

Speakers: Curtis Milhaupt, Columbia Law School
Hugh Patrick, CJEB, Columbia Business School
Discussant: Edward Lincoln, Council on Foreign Relations
Moderator: David Weinstein, Columbia University

January 28, 2003

Japanese Realities: Challenges to Macroeconomic Theory

Speaker: Robert Feldman, Morgan Stanley Japan, Ltd.
Discussants: Hugh Patrick, CJEB, Columbia Business School
David Weinstein, Columbia University

February 20, 2002

Japan: Crisis or Reform—or Both?

Speakers: Gerald Curtis, Columbia University
Paul Sheard, Lehman Brothers
Moderator: Hugh Patrick, CJEB, Columbia Business School

February 12, 2001

Foreign Entry into the Japanese E-Commerce Market

Speakers: Mark Mason, Georgetown University
Isao Momota, Sumitomo Corporation
Commentator: Masanobu Katoh, Fujitsu Limited
Discussant: Hugh Patrick, CJEB, Columbia Business School

March 23, 2000

How and How Much Should Depositors be Protected? The Japanese Case

Speakers: Mitsuhiro Fukao, Keio University
Curtis Milhaupt, Columbia Law School
Commentators: Frederic Mishkin, Columbia University
David Weinstein, Columbia University
Moderator: Hugh Patrick, CJEB, Columbia Business School