

GRIPS-Mansfield Foundation Joint Seminar

Date: Friday, March 10, 2017 Time: 12:00-13:30

Venue: The National Graduate Institute for Policy Studies (GRIPS), 3rd Floor, Meeting Room 3C

“Trends in Aerospace: A US-Japan Perspective on Future Challenges and Opportunities in the Aerospace Sector”

航空宇宙産業の動向：日米の視点から見る航空宇宙分野の課題と将来性

Speaker : **Michael Fletcher** (Mansfield Fellow)
マイケル・フレッチャー (マンズフィールド・フェロー)
Program Manager, Ames Research Center, National Aeronautics and Space Administration
アメリカ航空宇宙局 エイムズ研究センター プログラムマネージャー

Moderator: **Naoko Sugita** 杉田 尚子 宇宙航空研究開発機構 新事業促進部 新事業課 課長
Manager, Enterprise Expansion Division, New Enterprise Promotion Department, JAXA

Description: The aviation and space industry remains one of the most critical sectors for economic prosperity and security. Aviation connects the world and provides trillions of dollars in jobs, goods and services worldwide. Additionally, space commercialization is experiencing tremendous growth. Many well-known entrepreneurs such as Elon Musk (eBay, Tesla) and Jeff Bezos (Amazon) are at the forefront of these efforts to continue to bring space-based services into our everyday lives, creating new industries along the way. As the Asia-Pacific region continues to change as a result of evolving social, economic and political factors, the aerospace sector continues to be central to economic development opportunities and national security concerns for both the US and Japan.

In this presentation, Mr. Fletcher will begin by presenting recent trends in aviation and considering changes to the global markets and what impacts those changes have on US-Japan economic prospects and security. This will be followed by a discussion about the changing space domain. Space has been transformed from a domain dominated by US and Russian government-funded science and technology efforts to a commercial domain open to numerous spacefaring nations. Mr. Fletcher will address the growing congested and contested aspects of space and discuss what this means going forward for US-Japan economic and security concerns.

Mr. Fletcher has over 30 years of experience working in the aerospace field in the United States as an engineer, researcher and program manager. He began his career working as a propulsion engineer for the Northrop Corporation (now Northrop-Grumman), where he worked on various aircraft systems. He moved to NASA in 1990 as an aeronautics researcher working to advance computational fluid dynamics capabilities applied to propulsion systems. In his most recent assignment, he managed a basic aeronautics research and development program, and was responsible for the budget and technical direction of over 60 NASA researchers from four NASA research centers. He is currently a Mansfield Fellow and has been working within the GOJ offices that manage aerospace policy, budgets and research and development.

Naoko Sugita will serve as a moderator for the event. She has 20 years' working experience in Japan's aerospace sector and S&T policy, and held positions at Japan Aerospace Exploration Agency(JAXA) and Ministry of Education, Culture, Sports, Science and Technology.

She has degrees from the John F Kennedy School of Government, Harvard University (Master in Public Administration) and Hitotsubashi University, (Master of Law, International Relations), and obtained her PhD (Public Policy Analysis) from GRIPS.

***Language: English**

***Admission: Free**

***Please bring your own lunch.**

For registration and inquiries please

For access to the GRIPS campus:

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The National Graduate Institute for Policy Studies

GRIPS was established in October 1997, superseding the Graduate School of Policy Science (GSPS) at Saitama University, which was the first graduate school for Policy Studies in Japan. GRIPS is a government-sponsored graduate school and research institute which has been restructured into an entirely new and unique entity. GRIPS aims to be an international center of excellence for the education of future leaders in the policy arena, for the advancement of policy research, and for the systematic collection and dissemination of policy-related information. In order to accomplish these aims, a Graduate School, a Policy Research Center and a Policy Information Center have been established. GRIPS is the first graduate school without facilities for undergraduates in Japan in the wider disciplines of social science. GRIPS is located in Roppongi, Tokyo, with easy access to the political and business headquarters of Japan.

The degree programs are designed to attract outstanding students and thoroughly prepare them for distinguished careers in policy setting. After a period of thorough preparation since its foundation in 1997, GRIPS welcomed its first domestic students in April 2000, followed six months later by the first international students. About two-thirds of the student-intake of GRIPS consist of international students coming from over sixty countries in Asia, Africa and Eastern Europe. Our students normally have three to five years working experience for governments, central banks, custom offices or other relevant organizations. The International Programs at GRIPS are conducted solely in English, while Domestic Programs are taught in Japanese.

GRIPS aims to be the center of a consortium, consisting of industry, government and academia, for the exchange of information, ideas and personnel among graduate schools, government-related institutes and private research institutes in Japan. In addition, through its international faculty, student body and alumni, and by promoting international exchange of policy research and information, GRIPS aims to establish an international network among academics and government officials in the field of policy studies, contributing to the promotion of a better understanding among peoples around the world in an age of globalization.

The Maureen and Mike Mansfield Foundation

The Maureen and Mike Mansfield Foundation was created in 1983 to advance Maureen and Mike Mansfield's life-long efforts to promote understanding and cooperation among the nations and peoples of Asia and the United States. The Foundation sponsors exchanges, dialogues and publications that create networks among U.S. and Asian leaders, explore the underlying issues influencing public policies, and increase awareness about the nations and peoples of Asia. The Mansfield Foundation's geographic focus is Northeast Asia and India as it relates to that region. The Foundation receives support from individuals, corporations and philanthropic organizations. It also provides support to The Maureen and Mike Mansfield Center at the University of Montana.

<http://www.umt.edu/mansfield/default.php>

The Mansfield Fellowship Program - named after Mike Mansfield, former U.S. ambassador to Japan, U.S. Senate majority leader, and U.S. congressman from Montana - is a first-of-its-kind program for the United States and Japan. The U.S. Congress created the Mansfield Fellowships in 1994 to build a corps of U.S. federal government employees with proficiency in the Japanese language and practical, firsthand knowledge about Japan and its government. During the one-year program in Japan, Fellows develop an in-depth understanding of Japan's government and policymaking process and establish relationships with their counterparts in the government of Japan and the business, professional and academic communities. The Mansfield Fellowships are administered by the Maureen and Mike Mansfield Foundation, with the United States Department of State, Bureau of Educational and Cultural Affairs, as grantor.

The Foundation has offices in Washington, D.C., Tokyo, Japan, and Missoula, Montana.