

The Sixth CMI Symposium



Collaborative Research Center for Manufacturing Innovation, IIS, UTokyo

Consortium for Manufacturing Innovation (CMI)

Project Through Industry-University-Government Collaboration

Komaba II Campus, IIS, UTokyo

Aiming for Rapid Developments of Manufacturing Technology for Aircrafts —Results of CMI Activities and Expectation towards the Future—

The joint R&D project "CMI" in collaboration with Institute of Industrial Science, The University of Tokyo, 22 companies including Boeing, Mitsubishi Heavy Industries, Kawasaki Heavy Industries and SUBARU, Ministry of Economy, Trade and Industry and NEDO entered into the second phase from this April.

By the development of globalization, the growing aircraft industry is seeking new high-efficiency manufacturing technology. To respond to the needs, CMI will continue to research and develop innovative manufacturing technologies, following the first phase (five-year period) completed last year. In this symposium, lectures of latest administrations for aircrafts, aircraft market trends and technical trend will be given and we will also introduce the certification system and CMI activity policy for the future.

Date : October 12, 2018(Friday)

Time:13:00-17:00

(Registration starts from 12:30)

Venue : Convention Hall, 2nd Floor of
An Block, IIS, Komaba II Campus,

The University of Tokyo

※Odakyu Line/Tokyo Metro-Chiyoda Line

7-min walk from Higashi-kitazawa Station

12-min walk from Yoyogi Uehara Station

※Keio Inokashira Line

10-min walk from Komaba Todaimae Station

Conference Fee : Free of Charge

Informal Meeting : 5,000 yen

Registration (Starting from August 1)

(200 seats available, first-come –first-served basis)

Please register from the webpage written below.

<http://www.cmi.iis.u-tokyo.ac.jp/>

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Program (Tentative)

13:00-13:05 Opening Speech

Dr. Toshiharu KISHI, Professor, Director General, IIS, The University of Tokyo

13:05-13:40 "The Direction Japanese Aerospace Industry should head for and Expectations towards CMI"

Mr. Fumiaki EBIHARA, Chief Deputy Director, Aerospace and Defense Industry Division, Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry

13:40-14:15 "Results of CMI Research and Development"

Dr. Hiroshi USUKI, Professor, IIS, The University of Tokyo

14:15-14:50 "Current and Future Manufacturing Technologies for Fabricating Aerospace Structures With Titanium Alloys"

Dr. Dan SANDERS, Senior Technical Fellow, Boeing Research & Technology

14:50-15:25 "Experimental and Numerical Study on Drilling Damage in CFRP Laminates"

Dr. Tomonaga OKABE, Professor, Tohoku University

(15:25-15:40 Coffee Break)

15:40-16:15 "Legal framework to ensure the safety of aircraft"

Mr. Toshihiro KODA, Director, Airworthiness Division, Aviation Safety and Security Department, Civil Aviation Bureau

16:15-16:50 "CMI Activity Policy "

Dr. Akira HASHIMOTO, Project Professor, IIS, The University of Tokyo

17:00 Closing Remarks

17:30-19:00 Informal Meeting

【CMI Members】 IIS, The University of Tokyo, The Boeing Company, Mitsubishi Heavy Industries, LTD, Kawasaki Heavy Industries, Ltd, SUBARU CORPORATION, DMG Mori Seiki CO., LTD., OSG CORPORATION, FUJITOMO ELECTRIC HARDMETAL CORP., Toray Industries, Inc., Idemitsu Kosan Co., Ltd. NACHI-FUJIKOSHI CORP. NACHI TOCHIGI CO.,LTD, YASHIMA, Co., Ltd., Iwado Industry Co., Ltd., MIZUNO METAL WORKS. CO., LTD, Tokai Industries Co., Ltd., HEIWA SANGYO CO., LTD., MARUTAKA INDUSTRIAL CO.,LTD., NTS Co., Ltd, KSI Co., Ltd, OKADA CORPORATION, SADO SEIMITSU CO.LTD, and Aoyama Precision Industry Co., Ltd.