

The 7th CMI Symposium



Collaborative Research Center for Manufacturing Innovation, IIS, UTokyo
Consortium for Manufacturing Innovation (CMI)

Industry-University-Government Collaborative Project Komaba II Campus, IIS, Utokyo

Aiming for Technological Innovation in a New Era of Aircraft Manufacturing

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 has now entered into the seventh year from April 2019.

The growing aircraft industry is seeking new high-efficiency manufacturing technology in the globalization of commercial aircraft production. We CMI will continue to research and develop innovative manufacturing technologies that meets the needs of aircraft industry. In this symposium, lectures of latest administrative trends in aircraft manufacturing, aircraft market trends and technical trend will be given and we will also introduce achievements and activities of the CMI.

October 11, 2019 (Fri.)

13:00-17:00

Registration starts from 12:30

**Convention Hall, 2nd Floor of An Block,
IIS, Komaba II Campus,
The University of Tokyo**

※Odakyu Line/TokyoMetro-ChiyodaLine

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)

To register, please visit

www.cmi.iis.u-tokyo.ac.jp



Contact : IIS, The University of Tokyo

cmi-ml@iis.u-tokyo.ac.jp

Hashimoto Lab. Ms. Maeda

TEL: 03-5452-6778



Program

13:00-13:05 Opening Speech

Dr. Kazuyuki ISHII,

Professor, Deputy Director, IIS, The University of Tokyo

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

Ms. Sakura MURAHASHI, Head of Technology, 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 State, Challenges and Opportunities for CMI"

Dr. Glen M. Brown, Manager, Product Development, Boeing Commercial Airplanes

14:50-15:25 "Future Aircraft Manufacturing Initiatives of Kawasaki Heavy Industries"

Dr. Akihito SAKAI, Associate Officer, Deputy General Manager (Aerospace Business, SCM/IoT), Manufacturing Division Aerospace Systems Company Kawasaki Heavy Industries, Ltd.

(15:25-15:40 Coffee Break)

15:40-16:15 "Measurement and compensation for volumetric accuracy based on high-precision kinematic model

-- Case studies of machine tools and industrial robots"

Dr. Soichi IBARAKI, Professor, Hiroshima University

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., Idemitsu Kosan Co., Ltd., NACHI-FUJIKOSHI CORP., KYOCERA Corporation, Tokuda Industries Co., Ltd., Iwado Industry Co., Ltd., YASHIMA Co., Ltd., MIZUNO METAL WORKS. CO., LTD., ACM TOCHIGI CO.,LTD., HEIWA SANGYO CO., LTD., MARUTAKA INDUSTRIAL CO.,LTD., NTS Co., Ltd., KSI Co., Ltd., Fukuda Corporation, SADO SEIMITSU CO., LTD., Aoyama Precision Industry Co., Ltd., TOKYO BOEKI TECHNO-SYSTEM LTD. and Fuji Dempa Kogyo Co., Ltd.