

The Eighth CMI Symposium

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



Project Through Business-Academia Collaboration Komaba II Campus, IIS, UTokyo Aiming for Innovation in Aircraft Manufacturing Technology

While the manufacturing/service industry is stagnant due to the global spread of Covid-19, we will consider the post-corona manufacturing industry and future aircraft manufacturing technology. The aircraft industry has a labor-intensive aspect, and we believe that automation, labor saving, and the use of robots are essential for improving productivity. In this symposium, in addition to giving a lecture on the future image of Japan's aircraft industry, CMI research results, the latest robot technology, and CMI activity status will be introduced.

Date : October 23, 2020(Friday)

Time:13:00-16:00

Web-based symposium

(Registration needed)

Conference Fee: Free of Charge

Registration

Please register from the webpage written below.

(Registration due: October 9)

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

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URL for symposium participation will be informed to registered participants one week before the symposium.

Program

13:00-13:05 Opening Speech

※Contents may be partially modified

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

13:05-13:40 "-Outlook of Japanese Future Aerospace Industry and Expectation of CMI-"

Ms. Sakura MURAHASHI, Head of Technology, Aerospace and Defense Industry Division, 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 **"Factory Automation - A look into the future developments and integration into industry"**

Dr. Harinder Oberoi, Technical Fellow, The Boeing Company

14:50-15:25 **"High-speed Robot Control and its Applications Using Real-time Visual Feedback"**

Dr. Yuji YAMAKAWA, Associate Professor, Interfaculty Initiative in Information Studies, Graduate School of Interdisciplinary Information Studies Emerging Design and Informatics Course, The University of Tokyo
(Additional post in IIS)

15:25-16:00 **"CMI Activity Policy "**

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

16:00 Closing Remarks



【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., KYOCERA Corporation
ACM TOCHIGI CO.,LTD, Tokuda Industries Co., Ltd., MARUTAKA INDUSTRIAL CO.,LTD., NTS Co., Ltd, KSI Co., Ltd, FUKUDA CORPORATION, SADO SEIMITSU CO.LTD, Aoyama Precision Industry Co., Ltd., and TOKYO BOEKI TECHNO-SYSTEM LTD.