

# The First CMI Symposium

Hosted by: Collaborative Research Center for Manufacturing Innovation,  
Institute of Industrial Science(IIS), The University of Tokyo  
Consortium for Manufacturing Innovation (CMI\*)



## Aiming for a Rapid Progress of Manufacturing Technology for Aircrafts

Aiming for a rapid progress of manufacturing technology that supports the base of aircraft industry, in which major development is expected hereafter, a project through industry-university-government cooperation has launched last year. The Collaborative Research Center for Manufacturing Innovation (CMI) has been founded this April in the Institute of Industrial Science, The University of Tokyo and a full-scale R&D among six laboratories has started. Furthermore, in addition to the CMI start-up members, new members which agreed to CMI's purpose are scheduled to join the project this October.

Research objects of CMI are technological developments for rapid and high value-added manufacturing, environmentally conscious manufacturing and manufacturing with the minimum natural resources and less amount of rare metals related to aircraft manufacturing, but we are aiming for a rapid progress by enhancing the skill of manufacturing technology into manufacturing science. Applicable products are not limited to aircrafts and as a successful example of project through industry-university-government cooperation, we are also expecting to expand it into other industrial fields in the future.

We would like to think together about "Innovation in Manufacturing Technology for Aircrafts" at today's symposium.

Date: November 12<sup>th</sup>, 2013 (Tue.)

13:00~17:00

(The hall will open at 12:30)

Venue: ENEOS Hall, Bldg. 3-S,  
Komaba II Campus, the University of Tokyo

ACCESS: <Odakyu Line/Tokyo Metro-Chiyoda Line>  
8-min walk from Higashi-kitazawa Station  
12-min walk from Yoyogi Uehara Station  
<Keio Inokashira Line>  
10-min walk from Komaba Todaimae  
Station  
10-min walk from Ikenoue Station

Conference Fee: Free of Charge

### ◆Contact:

IIS, The University of Tokyo  
[cmi-ml@iis.u-tokyo.ac.jp](mailto:cmi-ml@iis.u-tokyo.ac.jp)

Hashimoto Lab. Ms. Yokota (03-5452-6778)  
Obikawa Lab. Ms. Haruna (03-5452-6771)

### Program

13:00-13:10 Opening Speech

Dr. Shinsuke KATO, Professor, Deputy Director, IIS, The University of Tokyo

13:10-13:25 "Japan Industry & Technology Engagement Strategy"

Dr. John TRACY, Chief Technology Officer, Boeing

13:25-14:10 "Beyond the 787: Developing the Future of Structures And Materials That Shape Aerospace"

Dr. Greg HYSLOP, Vice President & General Manager, Boeing Research and Technology

14:10-14:30 "The Innovation of Material and Manufacturing Technology for Aircraft"

Mr. Yoichi IIDA, Director, Aerospace and Defense Industry Division  
Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry

(Coffee Break)

14:50-15:20 Introduction of CMI

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

15:20-15:40 Technology Development of CMI

Dr. Toshiyuki OBIKAWA, Professor, IIS, The University of Tokyo

15:40-17:00 Panel Discussion

"Aiming for a Rapid Progress of Manufacturing Technology for Aircrafts"  
Moderator Dr. Akira HASHIMOTO, Project Professor, IIS, The University of Tokyo  
<CMI Start-up Members>

Dr. Toshiyuki OBIKAWA, Professor, IIS, The University of Tokyo

Mr. Steve E. HAHN, Director of Japan Enterprise Technology Programs,  
Boeing Research & Technology

Mr. Takashi KIMURA, Deputy General Manager,  
Nagoya Research & Development Center, Mitsubishi Heavy Industries, Ltd.

Mr. Junichi TAMURA, Manager, Manufacturing Engineering Department,  
Kawasaki Heavy Industries, Ltd.

Mr. Nobuo SAITOU, Manager, Manufacturing Engineering Department,  
Fuji Heavy Industries Ltd.

17:00

Closing Remark

※Contents may be partially modified.  
※ Japanese-English simultaneous  
interpretation provided

\*CMI Start-up Members

IIS, The University of Tokyo, The Boeing Company, Mitsubishi Heavy Industries, Ltd.,  
Kawasaki Heavy Industries, Ltd., Fuji Heavy Industries Ltd.