

Plenary Speaker 1: Professor Kensuke Harada (Osaka University, Japan)

Title: PS-1 Motion-Data Driven Grasp/Assembly Planner



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What's New

2013.10.1

Web page renewal open!

Topics

Added some links(29/7/2014)

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Plenary Speaker 2: Mr. Masanori SUGIYAMA (the Executive Adviser of robotics development of Toyota Motor Corporation, Japan)

Title: PS-2 Toward Life with Partner Robots

- Developing robots with the field trial toward the practical use (2019/01/12 13:10-14:10)

website https://www.toyota-global.com/innovation/partner_robot/



Mr. Masanori SUGIYAMA is the Executive Adviser of robotics development of Toyota Motor Corporation since January 2018. He joined Toyota Motor Corporation in 1984 and was in charge of engine development. He has successfully developed the efficient V6 gasoline-powered engines used globally. In 2005, he was a leader of engine development process reformation. In 2007, he was General Manager of Engine Project Management Div., and then in 2013, he was appointed as

masanori_sugiyama@mail.toyota.co.jp Executive General Manager in charge of all engine development divisions of Toyota. He has been Program Director of Innovative Combustion Technology Project of Cross-ministerial Strategic Innovation Promotion Program supported by Cabinet Office, government of Japan since 2015. In 2017, he was in charge of management of advanced technology development. Currently, he is promoting the development of robots which will be useful in our daily life.

Plenary Speaker 3: Professor Yingmin JIA (Beihang University, P.R. China) website <http://control.buaa.edu.cn/>

Title: PS-3 Robust Consensus Control of Multi-vehicle Systems



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Prof. Yingmin JIA received the B.S. degree in control theory from Shandong University, Ji'nan, China, in January 1982, and the M.S. and Ph.D. degrees both in control theory and applications from Beihang University (Beijing University of Aeronautics and Astronautics, BUAA), Beijing, China, in 1990 and 1993, respectively. Then, he joined the Seventh Research Division at Beihang University, where he is currently Professor of automatic control. From February 1995 until February 1996 he was a visiting

professor with the Institute of Robotics and Mechatronics of the German Aerospace Center (DLR), Oberpfaffenhofen, Germany. He held an Alexander von Humboldt (AvH) research fellowship with the Institute of Control Engineering at the Technical University Hamburg-Harburg, Hamburg, Germany, from December 1996 until March 1998, and a JSPS research fellowship with the Department of Electrical and Electronic Systems at the Osaka Prefecture University, Osaka, Japan, from March 2000 until March 2002. He was a visiting professor with the Department of Statistics at the University of California Berkeley from December 2006 until March 2007.

Prof. JIA was the recipient of the National Science Fund for Distinguished Young Scholars in 1996, and was appointed as Chang Jiang Scholar of the Ministry of Education of China in 2004. He has been Chief Scientist of the National Basic Research Program of China (973 Program) since 2011. He has authored and co-authored numerous papers and a book entitled *Robust H_∞ Control* (Science Press, 2007), and in particular, he won the Second Prize of National Technical Innovation Award in 2015, and the First Prize in the Natural Science Award of the Ministry of Education in 2017. His current research interests include robust control, adaptive control and intelligent control, and their applications in vehicle systems and industrial processes.