

博士課程教育リーディングプログラム 2022年度リーディング特別講演会

Fraunhofer IPA and current research in robotic welding and motion accuracy

聴講
自由

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Abstract:

The Fraunhofer-Gesellschaft is the leading organization for applied research in Germany and one of the largest of its kind in the world. Consisting of 76 institutes for a large variety of different research topics, Fraunhofer builds up the link between research and industry, by developing and commercializing new technologies. One of the institutes is the Fraunhofer Institute for Manufacturing Engineering and Automation (Fraunhofer IPA), in which technology and know-how for innovative manufacturing processes is developed. In this talk, an introduction to Fraunhofer and Fraunhofer IPA is given. Furthermore, the currently developed welding technology and approaches for the assessment of a robot's accuracy and performance will be presented together with past projects from these topics.



Biography:

Martin Satoshi Finkbeiner received his M.Sc. degree in engineering cybernetics from the University of Stuttgart, Germany, and a corresponding M.Eng. degree at Toyohashi University of Technology, Japan in 2019. Since 2020, he is a development engineer and doctoral student at Fraunhofer IPA in the working group for robot processes and kinematics of the robotics department. His fields of research and development include welding robotics and performance assessment methods for industrial robots. His research includes modelling, control of dynamic systems and optimal control.

Date : 2022年10月19日(水) 14:40~16:10

Venue : 豊橋技術科学大学 D棟4階 D-412室 (学内関係者のみ)

オンライン (学外者も参加可) ※感染対策上オンライン参加を推奨します



Registration for
online participation

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