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Advanced Institute of Industrial Technology, Japan

Some history of Japanese education, Professional graduate school system in Japan and Project Based Learning (PBL)

In this lecture, I will give an overview of education on PBL and the current state of activities at Japan professional graduate schools. To that end, we will first outline the history of higher education in Japan from the exchange between ancient China and Japan. I will explain the transition of the Japan education system since then. We will then outline the professional graduate school system that has been newly established in recent years and introduce a case study of PBL based on the results.

Prof. Seiichi Kawata, received B.E. (1977), M.E. (1979) and Ph.D. (1983) all in Osaka University. He served as research associate at Osaka university from 1982 to 1986. From 1986, he joined Tokyo Metropolitan University and received a professorship in 2000. From 2016 to present, he has served as President of Advanced Institute of Industrial Technology, Tokyo Metropolitan Public University Corporation and Vice Chairperson of the Board of Trustees of Tokyo Metropolitan Public University Corporation. He is also a Fellow of SICE (The Society of

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Interests include Industrial control systems design, Optimization of manufacturing systems, Machine Learning, Discrete/continuous hybrid systems modeling and simulation, Service Engineering. He published many papers in the field of Control engineering application for the industrial problem, Soft computing application for the manufacturing systems optimization, Development of the integrated simulator of discrete event systems and continuous systems and Service engineering.