

## Brown Bag Seminar

No. 053

Recorded data will be uploaded

Online  
(Zoom)

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2022  
6.15 (wed.) 12:10  
12:50

12:10-12:15

◆ Introduction

12:15-12:40

◆ Seminar  
(Presentation)

12:40-12:50

◆ Q&amp;A

[https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN\\_kqL79KogSMqaHq1j4Y6mag](https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_kqL79KogSMqaHq1j4Y6mag)

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## Challenges of Learning Analytics for Data-driven Education

Chair: **Assoc. Prof. Fumihiko YOKOTA** (Research Promotion Coordinator of Q-AOS)Professor **Atsushi Shimada**Department of Advanced Information Technology,  
Faculty of Information Science and Electrical Engineering

The COVID-19 pandemic has triggered the introduction of ICT (Information and Communication Technology) into the field of education and the development of its environment. Education and learning using ICT not only enables learning using a digital environment, but also records various education and learning activities in systems. It becomes possible to discover at-risk students, to support education and learning based on analyzing educational data, and to verify the effectiveness of the supports, so called data-driven education. In this seminar, I will introduce the challenges of Learning Analytics, which conducts research on the use of educational data for the realization of data-driven education.

Atsushi Shimada received the M.E. and D.E. degrees from Kyushu University in 2007. He is a professor of Faculty of Information Science and Electrical Engineering, Kyushu University. He also worked as a JST-PRESTO researcher since 2015 to 2019. His current research interests include image processing, pattern recognition, cyber-physical system, and learning analytics. He received IPSJ/IEEE-Computer Society Young Computer Researcher Award (2019), MEXT Young Scientist's Prize (2020), etc.

## Key Words

"Informatization of Education"

"Data-driven Education"

"Learning Analytics"