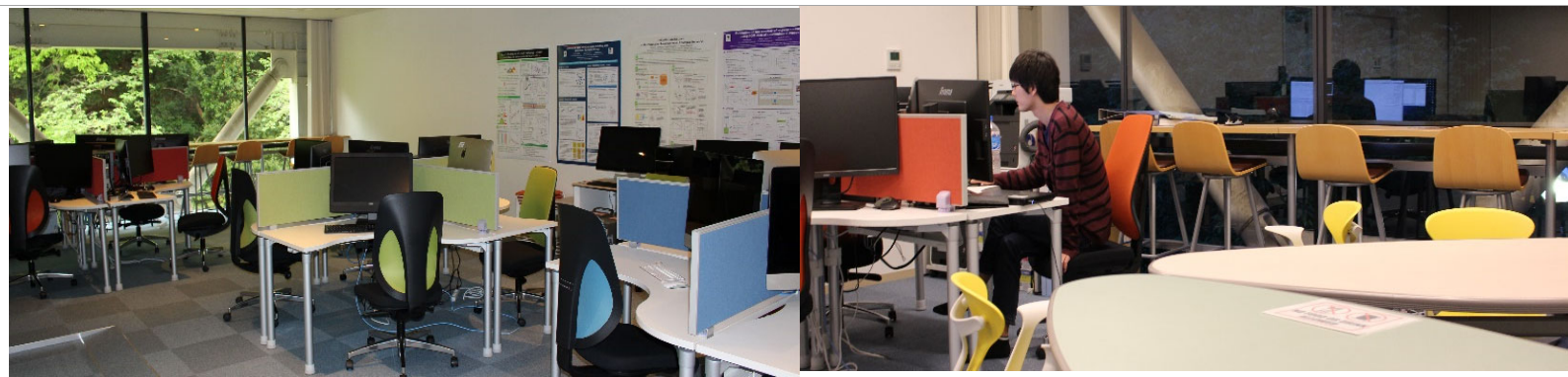




New Science Based on Big-Data and Its Application

Advanced Data Analysis and Modeling Unit

<http://www.smp.dis.titech.ac.jp/index.html>



From the beginning of this century, with smartphones and the internet permeating almost all aspects of human life, our society has experienced the important turning point known as the Fourth Industrial Revolution. Among industries and government offices, several institutions are intensely using the so-called Big Data that has been accumulated along the years in order to solve the various problems confronted by our society and help to create a wealthy, secure and safe way of living. This research unit, together with a Big Data analysis center equipped with advanced security technology, forms an international research center for Advanced Data Analysis and Modeling. Keeping an interdisciplinary perspective and by performing data analysis, multi-layered spatio-temporal modeling and large-scale simulations, we search for scientifically based solutions for many problems of the country and corporations.

