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Bio

Tetsuya Sakurai is the Director of Center for Artificial Intelligence Research and a Professor of Department of Computer Science at the University of Tsukuba. He is also a visiting senior researcher of RIKEN, a visiting professor of the Open University of Japan, and CEO of MathDesign Co., Ltd. He received his Ph.D. in engineering from Nagoya University in 1992. He is a fellow of JSIAM. He was awarded the 2018's Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology of Japan in his research of high-performance eigenvalue solvers.

Description

Analysis Engine for Large-scale Simulation and Big Data

In the past decade society has undergone a digital shift, in which many economic fields have come to depend more on digital techniques, such as AI, big data, simulation, etc. In this talk, we present analytic and simulation technologies which accelerate innovation and digitalization in various industries. We have developed an Analysis Engine, which will allow to process big data and conduct large-scale simulation using super computing architectures.