

Center for Research on Innovative Simulation Software

Research and Development of Large-Scale Simulation used in Industry

http://www.ciss.iis.u-tokyo.ac.jp

Aiming Innovation in MO-NO-DU-KU-RI

High performance simulation software drastically changes engineering

Center for Research on Innovative Simulation Software (CISS) was found to conduct R&D on the advanced and practical computational science simulation software utilizing hyper-large-scale simulations represented by "Kei" for the next hyper-simulation era. We aim at

- ◆ Conducting world-leading advanced research on hyper-large-scale simulation software
- ◆ Strengthening the educational foundation to educate how to make and use hyper-simulation software for industrial application
- ◆ Putting R&D results in common industrial use to enhance global competitiveness of domestic engineering

Center Director Center Vice Director



KATO, Chisachi Professor



YOSHIKAWA Nobuhiro Professor



HAMBA, Fujihiro Professor*



OSHIMA, Marie Professor*



SATO, Fumitoshi Professor



MIZOGUCHI, Teruyasu Professor*



OOKA, Ryozo Professor*



ONO, Kenji Visiting Prof.



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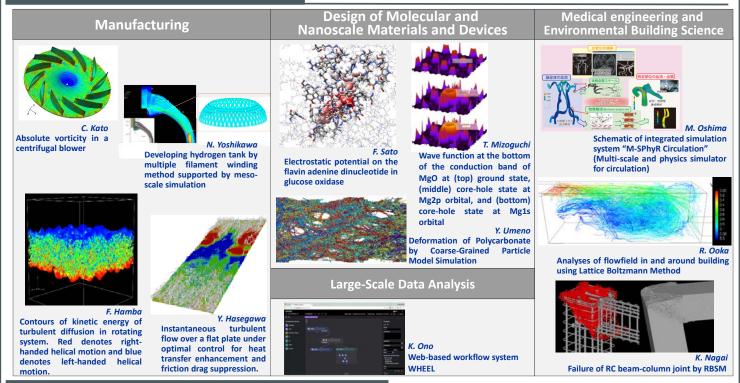
NAGAI, Kohei Associate Prof.*



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Introduction of the Research



Major National Project being Promoted by CISS

Priority Issue ® on Post-K Computer (2014-2019):

Development of Innovative Design and Production Processes that Would Lead the Way for the Manufacturing Industry in the Near Future

Overview: Research and develop innovative design techniques, new manufacturing processes that minimize
costs, and ultrahigh-speed integration simulations, which will form the core of these efforts, to
achieve high value-added product development

Responsible organization: The Univ. of Tokyo; Kobe Univ.; Tohoku Univ.; Yamanashi Univ.; Kyushu Univ.;

Tokyo Univ. of Sci.; JAXA; RIKEN

