

10th Symposium on Discovery, Fusion, Creation of New Knowledge by Multidisciplinary Computational Sciences

October 15 - 16, 2018
International Conference Room, University Hall
University of Tsukuba, Tsukuba, Japan

Registration → https://www2.ccs.tsukuba.ac.jp/cgi-bin/10th_ccssympo/form.cgi

Registration deadline is October 4, 2018



October 15 Mon 13:15-17:25

Invited talks

Yuji Inagaki (Univ. of Tsukuba)

"Recent progress in understanding the early evolution of eukaryotes based on phylogenomic data-analyses"

Hiroshi Ishikita (The Univ. of Tokyo)

"Electron and proton transfer reactions in photosynthetic reaction centers"

Piotr Magierski (Warsaw Univ. of Technology)

"Towards exascale simulations of quantum superfluids far from equilibrium"

Mitsuhisa Sato (RIKEN Center for Computational Science)

"Overview of the Post-K processor"

Takeshi Yamazaki (Univ. of Tsukuba)

"PACS10 project in lattice QCD"

Kohji Yoshikawa (Univ. of Tsukuba)

"Vlasov simulations of collisionless selfgravitating systems and astrophysical plasmas"

Reception 18:00 -

Cafeteria "Soup Factory"

October 16 Tue 9:30-15:50

Invited talks

Taisuke Boku (Univ. of Tsukuba)

"Multi-hybrid accelerated supercomputer: The new system at CCS"

Hiroyuki Kitagawa (Univ. of Tsukuba)

"Machine learning approach to automated sleep stage analysis"

Takashi Miyake (CD-FMat, AIST)

"Computational magnetic materials discovery"

Jason C. Knievel (NCAR)

"Downslope winds and sudden warming in idealized large-eddy simulations (LES) on a supercomputer"

Poster presentation & Short talk

Multidisciplinary Cooperative Research Program in CCS

- Progress Report (2017)

- Interim Report (2018)

* Detail information is available on CCS Homepage:

<https://www.ccs.tsukuba.ac.jp/sympo2018101516/>