

# The 2nd R-CCS International Symposium

## K to Fugaku:

Simulation, BigData and AI supporting Society 5.0

February 17-18, 2020

Nichii Gakkan Kobe Port Island Center & R-CCS, Kobe, JAPAN

The 2nd R-CCS International Symposium will summarize the efforts of the K computer, retired in 2019, as well as discuss emergent application fields for the supercomputer Fugaku and the Arm HPC ecosystem. We are planning to hold the supercomputer Fugaku tour during the symposium.

The symposium consists of keynotes, invited talk sessions, poster sessions, and panel discussion sessions. We invite submissions of abstract papers for/poster presentations. Presentations are encouraged those address topics including, but not limited to, Applications developed for the K computer and further developments, Applications for the supercomputer Fugaku, The ARM HPC ecosystem, and Supercomputing in Post Moore era.

### Program (Tentative as of Dec 6)

#### Feb 17

- Keynote 1, Satoshi Matsuoka, Director, R-CCS, RIKEN
- Invited Talk 1, Evelyne Foerster, CEA
- Achievements with K-computer & prospects for Fugaku (R-CCS team) 1
- Invited Talk 2, Norman Christ, Columbia University
- Session 2, Achievements with K-computer & prospects for Fugaku (R-CCS team) 2
- Session 3, Achievements with K-computer & prospects for Fugaku (R-CCS team and Operations Division) 3
- Invited Talk 3, Takaki Hatsui, Spring-8, RIKEN
- Poster Session / Fugaku Tour
- Reception

#### Feb 18

- Keynote 2: Jeffrey Vetter, Oak Ridge National Laboratory
- Session 4: ARM eco system
- Session 5: Future co-design
- Panel Session: Future co-design

### Important Dates

Abstract submission deadline
Jan. 11th, 2020 (2020/1/11) (A.O.E)
Registration deadline
Jan. 31st, 2020 (2020/1/31) (A.O.E)

### Organized by

RIKEN Center for Computational Science (R-CCS)

### Supported by

- + Ministry of Education, Culture, Sports, Science and Technology
- + RIKEN Center for Advanced Intelligence Project (AIP)
- + RIKEN Center for Brain Science (CBS)
- + Social and scientific priority issues to be tackled by using the Supercomputer Fugaku (9 issues)
- + High Performance Computing Infrastructure Consortium (HPCI)
- + Research Organization for Information Science and Technology (RIST)
- + Artificial Intelligence Research Center, National Institute of Advanced Industrial Science and Technology (AIRC, AIST)
- + Foundation for Computational Science (FOCUS)

