

Call for Papers !!

Deadline for submission is extended to Jan. 7th, 2012 !!

VECPAR 2012

10th International Meeting on High-Performance Computing
for Computational Science

July 17th-20th, 2012, Kobe, Japan

RIKEN Advanced Institute for Computational Science (AICS)

<http://nkl.cc.u-tokyo.ac.jp/VECPAR2012/>

VECPAR provides an opportunity for researchers and practitioners in branches of science that require computer modeling and simulation to get together and discuss techniques and technologies that can contribute to the effective analysis of complex systems and physical phenomena.

VECPAR seeks to engage participants from academia, research laboratories and industry to address pressing issues in computational science resulting from applications of interest to society and hardware innovations.

10th anniversary VECPar meeting in 2012 is the first one in Asia since 1993. We are very excited because VECPar 2012 will be held at the RIKEN Advanced Institute for Computational Science (AICS) (<http://www.aics.riken.jp/>), where the **K computer** is under installation. Although K will start its operation in November 2012, it is already ranked top of TOP 500 list (<http://www.top500.org>) in June & November 2011. Its current LINPACK performance is 10.51 PFLOPS.

■ Important Dates

Deadline for submission of extended abstracts:	December 23, 2011	January 7, 2012
Notification of acceptance:	February 17, 2012	February 29, 2012
Deadline for final papers:		May 11, 2012



■ Topics of Interest

Contributions are solicited in (but not restricted to) the following areas:

- Large-scale Simulations in CS&E
- Parallel and Distributed Computing
- Numerical Algorithms for CS&E
- Multiscale and Multiphysics Problems
- Data Intensive Computing
- Imaging and Graphics
- Performance Analysis

■ Confirmed Invited Speakers

Horst Simon (Lawrence Berkeley National Laboratory, USA)

Richard Vuduc (Georgia Institute of Technology, USA)

Takashi Furumura (The University of Tokyo, Japan)

Ryutaro Himeno (RIKEN, Japan)

Yoshinobu Kuramashi (University of Tsukuba/RIKEN, Japan)

Kenji Ono (The University of Tokyo, Japan)

Atsushi Oshiyama (The University of Tokyo, Japan)

• Steering Committee

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José Fortes (University of Florida, USA)

Vicente Hernandez (Technical University of Valencia, Spain)

Osni Marques (Lawrence Berkeley Natl. Lab., USA)

Ken Miura (National Institute of Informatics, Japan)

Kengo Nakajima (The University of Tokyo, Japan)

José Palma (University of Porto, Portugal)

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Hiroshi Nakashima (Kyoto University, Japan)

Yoshio Oyanagi (Kobe University, Japan)

Tetsuya Sakurai (University of Tsukuba, Japan)

Mitsuhiro Sato (University of Tsukuba/RIKEN, Japan)

Hideyuki Usui (Kobe University, Japan)

Yusaku Yamamoto (Kobe University, Japan)

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