Workshop on Large Scale Computational Physics
LSCP 2016

The LSCP 2016 workshop is organized in conjunction with the International Conference on Computational Science (ICCS) (see, http://www.iccs-meeting.org/iccs2016 ), which will be held in San Diego, CA, June 6-8, 2016 under the theme “Data through the Computational Lens”. LSCP is chaired by E. de Doncker (WMU, Kalamazoo MI, U.S.A., elise.dedoncker@wmich.edu) and F. Yuasa (High Energy Accelerator Research Organization - KEK, Tsukuba, Japan). The Program Committee includes T. Ishikawa and H. Matsufuru (KEK), N. Nakasato (Univ. of Aizu, Japan), L. Maschio (Università degli Studi di Torino, Italy), J. Vermaseren and T. Ueda (Theoretical Physics NIKHEF, the Netherlands), and D. Perret-Gallix (Centre National de la Recherche Scientifique - CNRS, France), and J. Kapenga and F. Saeed (WMU). We expect paper submissions by February 14, 2016.

Scope. The LSCP workshop will focus on symbolic and numerical methods and simulations, algorithms and tools (software and hardware) for developing and running large-scale computations in physical sciences. Special attention will go to parallelism, scalability and high numerical precision. System architectures are also of interest as long as they are supporting physics related calculations, such as: massively parallel systems, GPUs, many-integrated-cores, distributed (cluster, grid/cloud) computing, and hybrid systems.