The Beams and Applications Seminar Series

FLASH: Type-1a Supernovae and Supercomputing

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Bldg. 401, room B2100
Friday, June 10, 1:30 pm

Host: K.-J. Kim, ASD

FLASH is a parallel adaptive-mesh multi-physics modular simulation code designed to solve nuclear astrophysical problems related to exploding stars . It has been developed as part of an ASC, DOE project at the University of Chicago, and has won a Gordon Bell prize in 2000. FLASH simulations have run on some of the largest computer systems in the world. Preserving readability, portability, expandability and performance of this application while doing effective science has been a requirement since the code was first developed in 1997. I will discuss how FLASH brought these components together into an effective community scientific application.

http://flash.uchicago.edu

For more information visit
http://www.aps.anl.gov/asd/physics/seminar.html

Visitors from off-site please contact Chun-xi Wang (wangcx@aps.anl.gov, 630-252-4968) to arrange for a gate pass.