

Center for Shock Wave-processing of Advanced Materials
(C-SWARM) invites you to attend:

Extreme Scale Computing Workshop

Model Adaptation, Parallel Computing, Runtime System,
Software Productivity

March 2–3, 2015

Indiana University Cyberinfrastructure Building
2709 East 10th Street
Bloomington, IN 47408

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Please RSVP to Kelsey Allen, allekels@indiana.edu.
An official registration link will be sent to interested participants.

For more information please visit www.crest.iu.edu/cswarm.

Extreme Scale Computing Workshop Agenda:

March 2nd 2015

8:30am – 9:00am	Breakfast (Provided)
9:00am – 9:15am	Welcome/Introductions/Logistics (Lumsdaine, Matous)
9:15am – 10:00am	CSWARM Overview/Highlights/Issues (Matous)
10:00am – 10:15am	Break
10:15am – 10:45am	Wavelets Adaptive Multi-resolution Algorithm (Paolucci)
10:45am – 11:15pm	Parallel Asynchronous Space-Time Algorithm using a Domain Decomposition Method (PASTA-DDM) (Subber)
11:15am – 11:30am	Break
11:30am – 12:00am	Discussion Session, Path Towards Exascale. What is it? What will it take? (Lumsdaine, Kogge, Matous)
12:00pm – 1:30pm	Lunch (Provided)
1:30pm – 2:30pm	HPX Presentation (Lumsdaine)
2:30pm – 3:30pm	Mini Apps Session 1 (L. D'Alessandro, M. Anderson, S. Lee)
3:30pm – 3:45 pm	Break
3:45pm – 5:00pm	Mini Apps Session 2 (L. D'Alessandro, M. Anderson, S. Lee)
5:00pm – 6:00pm	Free time
6:00pm – 7:00pm	Reception

March 3rd 2015

8:30am – 9:00am	Breakfast (Provided)
9:00am – 10:00am	Discussion Session, Lessons Learned (feedback/suggestions) (Lumsdaine, Matous)
10:00am – 10:15am	Break
10:15am – 11:45am	DSeL Discussion (Lumsdaine, Kogge, Matous)
11:45am – 12:00pm	Concluding Remarks (Lumsdaine, Matous)