



CCT Bi-Weekly, October 7, 2015

News

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Pats on the Back:

-Congratulations to Wei Feinstein and Michal Brylinski who were invited to contribute a chapter to a book "High Performance Parallelism Pearls Volume Two" (Morgan Kaufmann, 2015). The book is edited by James Reinders and Jim Jeffers, who are leading experts on parallel computing at Intel. This publication comprises a second collection of success stories leveraging parallelism in heterogeneous computing systems. Chapter 5 by Feinstein and Brylinski entitled "Accelerated Structural Bioinformatics for Drug Discovery" describes porting of their code for the prediction of drug binding sites in proteins to the Intel Xeon Phi architecture. More information on the book at: <https://software.intel.com/en-us/articles/books-high-performance-parallelism-pearls>

Upcoming Lectures:

There will be an Enabling Process Innovation through Computation (EPIC) Seminar Series lecture titled, "[Using Simulation to Quantify the Sensitivity of Mechanical Property Distributions to Features of the Microstructural State in Engineering Alloys](#)" by Paul Dawson, Cornell University. The lecture will take place on Friday, October 9th at 3:00 PM in Patrick F. Taylor Hall, Room 1502

There will be a Computational Mathematics Seminar Series lecture titled, "[A Two Level Additive Scharz Preconditioner for a Partition of Unity Method](#)" by Christopher Davis, Tennessee Tech University. The lecture will take place on Tuesday, October 13th at 3:30 PM in the Digital Media Center, Room 1034.

There will be a Frontiers of Scientific Computing Seminar Series lecture titled, "[A Two-stage Image Segmentation Method Based on the Mumford-Shah Model with Thresholding](#)", by Raymond H. Chan, Chinese University of Hong Kong. The lecture will take place on Monday, November 2nd at 10:30 AM in the Digital Media Center, Room 1034.

News Highlights:

[University program allows students to create experimental music](#)

Please Note:

-Special meal requests must be approved prior to the event. In order to allow for sufficient administrative processing time, special meal requests must be submitted at least 14 business days prior to the event.

-Upcoming LSU holiday: Thursday November 26th & Friday November 27th (Thanksgiving)

-If you are not receiving CCT Event emails and would like to be added to the list, please email jennifer@cct.lsu.edu.

-Please send any information you would like included in the next weekly to jennifer@cct.lsu.edu.

Upcoming Events:

October 7: [Training: Basic OpenMP](#)

October 14: [Training: Accelerating Production](#)

October 28: [Training: Introduction to R](#)

November 4: [Training: HPC in Engineering](#)

November 6-7: [ACM ICPC South Central USA Regional Programming Contest](#)

November 6-8: [WICS Game Jam](#)

November 11: [Training: Version Control with GIT](#)

January 29- 31, 2016: [Global Game Jam 2016](#)

Publish Date:

10-07-2015

