

Workshop Agenda

Sunday, June 07, 2015

08:00 am to 08:30 am	Registration
08:30 am to 09:00 am	Welcome! Opening Talk by Core Lab Director, Shaheen II Overview
09:00 am to 10:00 am	XC40 Overview
10:00 am to 10:30 am	Programming Environment
10:30 am to 10:45 am	Coffee Break
10:45 am to 11:30 am	Compiling and Running Application
11:30 am to 12:00 pm	Demo: Compile and Run
12:00 pm to 01:30 pm	Prayer & Lunch Break
01:30 pm to 01:45 pm	Introduction to the Hands-On
01:45 pm to 02:45 pm	Hands-On: Porting Application
02:45 pm to 03:30 pm	Introduction to Tools
03:30 pm to 03:45 pm	Coffee Break
03:45 pm to 04:30 pm	Hands-On: Porting Application
04:30 pm to 05:00 pm	Q & A

Monday, June 08, 2015

08:30 am to 09:00 am	Registration
09:00 am to 09:30 am	Cray Perftools I
09:30 am to 10:30 am	Hands-On: Analyzing Applications
10:30 am to 10:45 am	Coffee Break
10:45 am to 11:30 am	Cray Perftools II
11:30 am to 12:00 pm	Live Demo: Reveal
12:00 pm to 01:30 pm	Prayer & Lunch Break
01:30 pm to 02:00 pm	IntraNode Optimization
02:00 pm to 03:00 pm	Hands-On: Tuning Applications
03:00 pm to 03:15 pm	Coffee Break
03:15 pm to 03:45 pm	Core Binding
03:45 pm to 04:45 pm	Hands-On: Tuning Applications
04:45 pm to 05:00 pm	Q & A

Tuesday, June 09, 2015

08:30 am to 09:00 am	Registration
09:00 am to 09:30 am	Totalview + DDT
09:30 am to 10:00 am	Hands-On: Debugger
10:00 am to 10:30 am	Cray Tools: Igdb, STAT, ATP
10:30 am to 10:45 am	Coffee Break
10:45 am to 11:15 am	Hands-On: Tools
11:15 am to 12:00 pm	More about CrayPAT (Power)
12:00 pm to 01:30 pm	Prayer & Lunch Break
01:30 pm to 01:45 pm	Load Balancing
01:45 pm to 02:15 pm	MPI in Detail
02:15 pm to 03:15 pm	Bring Your Code
03:15 pm to 03:30 pm	Coffee Break
03:30 pm to 04:45 pm	Bring Your Code
04:45 pm to 5:00 pm	Q & A

Wednesday, June 10, 2015

08:30 am to 09:00 am	Registration
09:00 am to 09:45 am	Introduction IO
09:45 am to 10:30 am	Parallel Filesystem: Lustre
10:30 am to 10:45 am	Coffee Break
10:45 am to 11:30 am	IO Strategies
11:30 am to 12:00 pm	Serial IO Optimization
12:00 pm to 01:30 pm	Prayer & Lunch Break
01:30 pm to 03:00 pm	IO APIs: MPI-IO, NetCDF, HDF5
03:00 pm to 03:15 pm	IO Performance Libs
03:15 pm to 03:30 pm	Coffee Break
03:30 pm to 4:30 pm	ADIOS
04:30 pm to 05:00 pm	Q & A

Thursday, June 11, 2015

08:30 am to 09:00 am	Registration
09:00 am to 10:30 am	Bring Your Code
10:30 am to 10:45 am	Coffee Break
10:45 am to 12:00 pm	Bring Your Code