

iPDC Summer Institute: Integrating Parallel and Distributed Computing in Introductory Programming Classes.

Dates: June 24 – 28, 2019

Place: Brunner 406, Tennessee Tech University, Cookeville, TN

June 24, 2019	Activity	
8:30 – 9:00	Registration	Coffee
9:00 – 10:00	Welcome and Introduction <ul style="list-style-type: none"> - Objective and Motivation of Workshop - What will be Covered - TCPP Curriculum - Laptop Preparation 	
10:00 – 10:15	Break	Coffee
10:15 – 11:15	<ul style="list-style-type: none"> - Pre-workshop Survey - Cluster access test - Unplugged Activity - Introduction to PDC <ul style="list-style-type: none"> - Parallel / Distributed - Hardware / Software - PDC Intro Programming 	
11:15 – 12:15	PDC Bootcamp <ul style="list-style-type: none"> - OpenMP 	
12:15 – 1:15	Lunch	Lunch
1:15 – 2:30	PDC Bootcamp (continues) <ul style="list-style-type: none"> - OpenMP 	
2:30 – 3:00	Break	Coffee
3:00 – 4:00	PDC Bootcamp cont. <ul style="list-style-type: none"> - OpenMP with Java - Homework Assignment 	
4:00 – 4:30	Feedback, Debrief and Discussion	

June 25, 2019	Activity	
9:00 – 10:30	<ul style="list-style-type: none"> - Submitting jobs in cluster - PDC Bootcamp <ul style="list-style-type: none"> - Assignment – Solutions - OpenMP - Work on Problems 	
10:30 – 11:00	Break	Coffee
11:00 – 12:15	PDC Bootcamp	

12:15 – 1:15	Lunch	Lunch
1:15 – 3:00	PDC Bootcamp cont. - Homework Assignment	
3:00 – 3:30	Break	Coffee
3:30 – 4:15	PDC Bootcamp	
4:15 – 4:30	Feedback, Debrief, and Discussion	

June 26, 2019	Activity	
9:00 – 10:15	PDC Bootcamp cont. - Assignment - Solutions	
10:15 – 10:45	Break	Coffee
10:45 – 12:00	PDC Bootcamp cont.	
12:00 – 1:00	Lunch	Lunch
1:00 – 2:45	Intel Parallel Studio	
2:45 – 3:15	Break	Coffee
3:15 – 4:00	Intel Parallel Studio	
4:00 – 4:30	Evaluation/Assessment	
6:30 – 9:30	Social Dinner	Craw Daddies

June 27, 2019		
9:00 – 10:30	PDC with Java Thread	
10:30 – 11:00	Break	Coffee
11:00 – 12:00	PDC with Java Thread	
12:00 – 1:00	Lunch	Lunch
1:00 – 3:00	iPDC Toolkit and other Resources	
3:00 – 3:30	Break	Coffee
3:30 – 4:15	Course Exemplar	
4:00 -	Hike to Burgess Falls(weather permitted)	

June 28, 2019		
8:30 – 10:15	Reviews and Discussion	
10:15 – 10:45	Break	Coffee
10:45 – 12:00	Workshop evaluation, Wrap-Up / Closing Statements	
12:00 – 1:00	Lunch	Lunch