

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

Dates: June 17 – 21, 2019

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

June 17, 2019	Activity	
8:30 – 9:00	Registration	Coffee
9:00 – 10:00	Welcome and Introduction <ul style="list-style-type: none"> <li>- Objective and Motivation of Workshop</li> <li>- What will be Covered</li> <li>- TCPP Curriculum</li> <li>- Laptop Preparation</li> </ul>	
10:00 – 10:15	Break	Coffee
10:15 – 11:15	<ul style="list-style-type: none"> <li>- Pre-workshop Survey</li> <li>- Cluster access test</li> <li>- Unplugged Activity</li> <li>- Introduction to PDC               <ul style="list-style-type: none"> <li>- Parallel / Distributed</li> <li>- Hardware / Software</li> <li>- PDC Intro Programming</li> </ul> </li> </ul>	
11:15 – 12:15	PDC Bootcamp <ul style="list-style-type: none"> <li>- OpenMP</li> </ul>	
12:15 – 1:15	Lunch	Lunch
1:15 – 2:30	PDC Bootcamp (continues) <ul style="list-style-type: none"> <li>- OpenMP</li> </ul>	
2:30 – 3:00	Break	Coffee
3:00 – 4:00	PDC Bootcamp cont. <ul style="list-style-type: none"> <li>- OpenMP</li> <li>- Homework Assignment</li> </ul>	
4:00 – 4:30	Feedback, Debrief and Discussion	

June 18, 2019	Activity	
9:00 – 10:30	<ul style="list-style-type: none"> <li>- Submitting jobs in cluster</li> <li>- PDC Bootcamp               <ul style="list-style-type: none"> <li>- Assignment – Solutions</li> <li>- OpenMP</li> <li>- Work on Problems</li> </ul> </li> </ul>	
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 19, 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 Tools	
2:45 – 3:15	Break	Coffee
3:15 – 4:00	Intel Parallel Tools	
4:00 – 4:30	Evaluation/Assessment	
6:30 – 9:30	Social Dinner	Craw Daddies

June 20, 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 – 4:00	Course Exemplar	
4:00 -	Hike to Burgess Falls (weather permitted)	

June 21, 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