

Tutorial: Introduction to Parallel Computing

Tutor: Mohsin Ahmed Shaikh

October 29th, 2019

9 am – 12:20 pm

08:30 am - 09:00 am	Breakfast
09:00 am - 09:10 am	Welcome from KAUST Supercomputing Lab <i>Dr. Saber Feki (Computational Science Team Lead)</i>
09:10 am - 09:40 am	Thinking Parallelism: What is it?
09:40 am - 10:40 am	Parallel programming paradigms – a hands-on introduction
10:30 am - 11:00 am	Coffee Break
11:00 am - 11:30 am	Modern parallel architecture and platforms – a short survey
11:30 am - 12:15 pm	Scalability: what it is and how to measure it
12:15 pm - 12:20 pm	Closing remarks

- There is a hands-on component in this tutorial which will be carried out on the computers provided in the computer lab.
- All attendees must have an account on Shaheen to access the training platform. Please see the registration form for instructions. A copy of your passport will be required.