

DAY	TIME SLOT	DATA SCIENCE SHORT COURSES		
DAY 1 2 October 2017	8.00-9.00	REGISTRATION		
	9.00-9.30	OPENING CEREMONY		
		<b>Session A:</b> Introduction to Bioinformatics <b>Instructor:</b> Asst. Prof. Dr. Mohammad Asif Khan		
	9.30-10.30	<b>Lecture:</b> Introduction to Biological Databases and Bioinformatics Tools		
	10.30-11.00	BREAK		
	11.00-12.00	Continuation of Lecture		
	12.00-1300	<b>Practical:</b> Exploring Biological Databases and Bioinformatics Tool		
	1.00-2.00	LUNCH BREAK		
	2.00-3.00	Continuation of Practical/Wrap-up		
	3.00-4.00	Linux Demo: Linux Exploration	QUIZ	
	4.00-4.30	TEA BREAK		
	4.30-5.30	<b>(SEMINAR) Speaker:</b> Dr. Ranjeev Hari <b>Title:</b> Data Science Entrepreneurship : Big Data opportunities		
DAY 2 3 October 2017		<b>Session B:</b> Introduction to GPU Computing and Container <b>Instructor:</b> Mr. Muhammad Farhan Sjaugi & Muhammad Teguh Satria		
	9.30-10.30	<b>Lecture:</b> Introduction to GPU Computing		
	10.30-11.00	BREAK		
	11.00-12.00	<b>Lecture:</b> Introduction to NVIDIA Docker		
	12.00-0100	<b>Practical:</b> NVIDIA Docker		
	0100-0200	LUNCH BREAK		
	2.00-3.00	Continuation of Practical/Wrap-up		
	3.00-4.00	POSTER SHOWCASE	SUPERCOMPUTING APPLICATIONS IN DATA SCIENCES	QUIZ
	4.00 -4.30	TEA BREAK		
	4.30-5.30	<b>(SEMINAR) Speaker:</b> Dr. Ong Hui San <b>Title:</b> Computational methods for self-assembly of DNA nanostructures		
DAY 3 4 October 2017		<b>Session C:</b> An Introduction to R (Data Analysis) <b>Instructor:</b> Dr. Khang Tsung Fei		
	9.30-10.30	<b>Lecture:</b> Introduction to R: Basic Commands		
	10.30-11.00	BREAK		
	11.00-12.00	Exploratory data analyses		
	12.00-0100	Performing basic statistical analyses		
	1.00-2.00	LUNCH BREAK		
	2.00 – 3.00	Looping in R and using R packages		
	3.00-4.00	LUCKY DRAW	COMPUTER-AIDED VACCINE DESIGN	QUIZ
	4.00-4.30	TEA BREAK		
4.30-5.30	CLOSING CEREMONY			