

		Day 1 - Thursday	Day 2 - Friday	Day 3 - Saturday		Day 4 - Monday	Day 5 - Tuesday
	08:30	Arrival	Arrival	Arrival		Arrival	Arrival
AM 1	09:00	Introductions - ARTIC, Instructors & participants	Overview of next steps in lab protocol	Demo/showcase of ONT flow cells, MinION, MinKNOW, EPI2ME		Intro to phylogenetics and phylodynamics	Recap of the week
	09:30	Introduction to course, course overview	Theory of SPRI, EP, barcoding				Computational analysis wrap up and Discussion
	10:00			Real world data talk			
Break	10:40						
AM 2	11:00	Introduction to genomic epidemiology	Intro to lab in a suitcase	Lab session 4 (adapter ligation, cleanup, library prep, flow cell checks, priming, loading)		Overview of ARTIC bioinformatics (fieldbioinformatics, Amplicon-nf, other tools)	Discussion session 1: Result interpretation, deriving actionable epidemiological insights, conducting phylogenetic analyses
	11:30		Lab session 2 (PCR pooling, cleanup, quantification)				
	12:00	Intro to nanopore sequencing and ARTIC protocol overview					
	12:30						
Lunch	13:00						
	13:30						
PM 1	14:00	Principles of safe sample handling, H&S, extraction of viral nucleic acids, RT-PCR	Lab session 3 (EP, Barcoding, cleanup)	Lab session 4 cont'd		Computational session 2 (going through results, SNP calling, building a tree, other analyses)	Discussion session 2: BEAST/Phylodynamics Demo
	14:30						
	15:00	Outbreak scenario overview					
Break	15:40						
PM 2	16:00	Overview of week/Group allocation	Lab session 3 cont'd	Sequencing monitoring, RAMPART, diagnosing problems, laptop bootcamp		Computational session 2 cont'd	Discussion session 3: use of genomic data for real time epidemiology
	16:30	Lab session 1 (samples, samplesheet, multiplex PCR)					
	17:00						
	17:30						
End of day	18:00						Feedback collection
	18:30						