

MEICOM Bioinformatics Workshop  
**Genomics, transcriptomics and comparative genomics**

February 11-13 2019, Wageningen, The Netherlands  
 Room PC88, Radix Building, Droevendaalsesteeg 1

**Programme**

	<b>February 11 - Genomics</b>	
9:00	NGS, assembly and annotation	lecture
10:30	<i>Coffee</i>	
11:00	Introduction to Linux	practical
12:30	<i>Lunch</i>	
13:30	Mapping, variant calling and SV detection	lecture/practical
15:00	<i>Tea</i>	
15:30	Mapping, variant calling and SV detection	lecture/practical
16:30	HPC	overview
18:00	Dinner	
	<b>February 12 - Transcriptomics</b>	
9:00	RNAseq and quantitation	lecture
10:30	<i>Coffee</i>	
11:00	Introduction to R	practical
12:30	<i>Lunch</i>	
13:30	Differential expression and clustering	lecture/practical
15:00	<i>Tea</i>	
15:30	Differential expression and clustering	lecture/practical
16:30	Machine learning in bioinformatics	overview
	<b>February 13 - Comparative genomics</b>	
9:00	Whole-genome alignments and rearrangements	lecture
10:30	<i>Coffee</i>	
11:00	Multiple sequence alignment	lecture/practical
12:30	<i>Lunch</i>	
13:30	Phylogeny	lecture/practical
15:00	<i>Tea</i>	
15:30	Pangenomics	overview
16:30	Outlook, discussion and evaluation	
17:00	<i>Drinks</i>	