

International Workshop on  
**Prokaryotic Genomics  
 & Bioinformatics**  
 July 18 - 21, 2017

*Preliminary Program*

Tuesday, July 18, 2017	Wednesday, July 19, 2017	Thursday, July 20, 2017	Friday, July 21, 2017
(NG)-Sequencing at Göttingen Genomics Laboratory	An introduction to microbial genome annotation	RNA-Seq: Challenges in experimental design and analysis	Computational challenges in metagenome analysis
Tutorial: Introduction to G2L computing environment	Annotation Tutorial - Introduction to IMG	Tutorial: RNA-Seq based transcriptomics	Coffee Break
Coffee Break	Coffee Break	Coffee Break	Tutorial: Analysis of metagenomic and metatranscriptomic data
Tutorial: Processing of NGS raw data	Tutorial: SNP analysis, Mapping	Tutorial: RNA-Seq based transcriptomics ( <i>continued</i> )	Closing remarks
Lunch	Lunch	RNA-Seq: A powerful tool for (bacterial) systems biology	Lunch snacks
NG-Sequencing: Experimental design 3rd Generation Sequencing on the PacBio RSII @ DSMZ	From genomics to comparative genomics	Lunch	Discussion / Question time
Coffee Break	Tutorial: Comparative genomics: Phylogenomics ( <i>Anja Poehlein, Heiko Liesegang</i> )	Metagenomics and Metatranscriptomics	- End of workshop -
Tutorial: Assembly of prokaryotic genomes	Coffee Break	Tools for metagenome and metatranscriptome analysis	
- End of 1st day -	Tutorial: Comparative genomics: Pathogenomics	Coffee Break	
	- End of 2nd day -	Tutorial: Amplicon-based assessment of microbial community structures	
	- End of 3rd day -		
	Social programme		