

# DILS Retreat

October 28/29, 2021

## Thursday

### **9:30 Arrival / welcome coffee**

10:00 Welcome notes

10:05 Muhammad Elhossary  
"Detection of regulatory small RNAs in multiple pathogenic bacteria"

10:30 Donat Wulf  
"Tool development for comparative analysis of gene regulatory networks"

### **10:55 Break**

11:25 Katharina Sielemann  
"Genome assembly and annotation of sugar beets"

11:50 Daniela Holtgräwe  
"Analysis of temporal delays within fruit development and ripening in *Vitis vinifera*"

### **12:30 Lunch**

13:30 Tom Tubbesing  
"Exploring metatranscriptome datasets"

13:55 Benedikt Osterholz  
"Exploring anaerobic digestion: Building a comprehensive collection of metagenome assembled genomes"

### **14:20 Short break**

14:35 Lisa Langnickel  
"From hidden data and information towards data-driven knowledge"

15:00 Alexander Schönhuth  
"phasebook: haplotype-aware de novo assembly of diploid genomes from long reads"

### **15:40 Break**

16:10 Janik Sielemann  
"Protein-DNA binding site detection based on DNA shape"

16:35 Tizian Schulz  
"Algorithms for pangenome analysis"

17:00 Luca Parmigiani  
"On the Burrows-Wheeler transform of de Bruijn sequences"

### **17:25 End of presentations**

### **19:00 Dinner**

# Friday

6:00

–9:00 Breakfast

Check out (You can deposit your luggage at the reception.)

10:00 Social activity: Mission „City“

**12:30 Lunch**

13:30 Faculty meeting