

## ELIXIR SYSTEMS BIOLOGY TOOLS WORKSHOP

**TUESDAY, 14.6.2022**

08:40 – 09:00

**COFFEE AND NETWORKING**



09:00 – 09:10

**INTRODUCTION OF THE WORKSHOP**

ANŽE ŽUPANIČ, NIB

09:10 – 09:30

**SKM - THE PLANT STRESS KNOWLEDGE MAP**

CARISSA BLEKER, NIB

09:30 – 09:50

**GOMAPMAN – GENE FUNCTIONAL  
ANNOTATIONS IN PLANT SCIENCE**

ŽIVA RAMŠAK, NIB

09:50 – 10:10

**THE COMPLEX WORLD OF PROTEIN-RNA  
INTERACTIONS THROUGH THE LENS OF  
POSITIONAL K-MER ENRICHMENT ANALYSIS**

KLARA KURET, KI

10:10 – 10:30

**IDENTIFICATION AND CHARACTERISATION  
OF RHYTHMIC DATASETS USING COSINORPY**

MIHA MOŠKON, UL FRI

10:30 – 10:50 **DYNAMIC METABOLIC NETWORK MODEL SIMULATIONS**

BLAŽ LIKOZAR, KI

10:50 – 11:20 **SNACK-ON-SITE, NETWORKING**



11:20 – 11:40 **SYSTEMATIC EXTRACTION AND ANALYSIS OF CONTEXT-SPECIFIC GENOME-SCALE METABOLIC MODELS**

MIHA MOŠKON, UL FRI, TADEJA REŽEN, UL MF

11:40 – 12:00 **BOOLDOG – A PYTHON TOOL FOR SIMULATION OF BOOLEAN MODELS**

CARISSA BLEKER, NIB

12:00 – 12:20 **EVALUATION OF BOOLEAN NETWORK INFERENCE APPROACHES**

ŽIGA PUŠNIK, UL FRI

12:20 – 12:40 **PISA-TREE – TOOL FOR PROJECT DATA MANAGEMENT IN LIFE SCIENCES**

MAJA ZAGORŠČAK, NIB

12.40 – 13.00 **ASSESSING THE COLLECTIVE ACTIVITY IN PANCREATIC BETA CELL NETWORKS: THE SEMI-AUTOMATED OPEN-SOURCE MULTICELLULAR CA<sup>2+</sup> IMAGING AND NETWORK ANALYZER**

JAN ZMAZEK, UM