

# Monday, August 30, 2021

7:30 – 8:50 Breakfast

8:50 – 9:00 *Opening*

## Plenary Session – chair: **I. Žežula**

9:00 – 9:45 **M. Hušková:** *Detection of instabilities in regression models*

9:45 – 9:50 Intro HyHyve

9:50 – 10:00 Break

## Parallel Session A (ROOM A) – Small Area Estimation I chair: **I. Žežula**

10:00 – 10:30 **N. Longford:** *Audit of neonatal mortality in Great Britain*

10:30 – 11:00 **F. Schirripa Spagnolo:** *Controlling the bias for M-quantile estimators in small area estimation*

## Parallel Session B (ROOM B) – Computationally Intensive Statistical Methods I chair: **U. Beyaztaş**

10:00 – 10:30 **F. Yerlikaya-Özkurt:** *A computational method with density based clustering approach for the data in the existence of outlier*

10:30 – 11:00 **Ö. Çağçağ Yolcu:** *Intuitionistic fuzzy time series: A cascade prediction model*

11:00 – 11:20 **M. Mutiş:** *A robust functional logistic regression method for classification*

11:20 – 12:00 Coffee Break - HyHyve

## Special Session (ROOM A) – Miscellaneous I chair: **M. Fonseca**

12:00 – 12:30 **S. Ferreira:** *Single models and structured families of pair of models*

12:30 – 13:00 **D. Ferreira:** *Inference in non normal mixed models*

13:00 – Lunch

## Plenary Session – chair: **A. Markiewicz**

15:00 – 15:45 **N. Balakrishnan:** *Dimension reduction and variable selection for high-dimensional multivariate linear regression*

15:45 – 16:00 Break

**Parallel Session A (ROOM A)** – Multivariate Models I

chair: **D. von Rosen**

- 16:00 – 16:20 **E.U. Gasana:** *Moments of the discriminant function*  
16:20 – 16:40 **M. John:** *Testing independence under the doubly multivariate models with block compound symmetry covariance structure using Rao score test*  
16:40 – 17:00 **M. Janiszewska:** *Matrix approximation by block structures via entropy loss function*

**Parallel Session B (ROOM B)** – Design and Analysis of Experiments I

chair: **J. Forkman**

- 16:00 – 16:30 **A. Lacka:** *On a new approach to the ANOVA for experiments with orthogonal block structure. Experiments in row-column designs*  
16:30 – 17:00 **R. Singh:** *Design selection for 2-level supersaturated designs*  
17:00 – 17:20 Coffee break - HyHyve

**Special Session (ROOM A)** – Application of Statistics I

chair: **D. von Rosen**

- 17:20 – 17:40 **M-Z. Spyropoulou:** *A second order two-dimensional Gaussian Markov Random Fields in blood pressure data*  
19:00 – Dinner