

## Tuesday, August 31, 2021

7:30 – 9:00 Breakfast

### Plenary Session – chair: **A. C. Atkinson**

9:00 – 9:45 **A. Azzalini:** *A formulation for continuous mixtures of multivariate normal distributions*

9:45 – 10:00 Break

### Parallel Session A (ROOM A) – Multivariate Models II chair: **D. von Rosen**

10:00 – 10:30 **E. Di Nardo:** *Moment symbolic calculus in mathematical statistics*

10:30 – 11:00 **M. Singull:** *Likelihood based classification of growth curves*

11:00 – 11:20 **D. Uwamariya:** *On the ratio of extremal eigenvalues of  $\beta$ -Laguerre ensembles*

### Parallel Session B (ROOM B) – Computationally Intensive Statistical Methods II chair: **M. Tez**

10:00 – 10:30 **U. Beyaztaş:** *Robust function-on-function interaction regression*

10:30 – 10:50 **S. Sarıçam:** *On partial least squares estimation in functional regression models*

10:50 – 11:10 **B. H. Beyaztaş:** *A robust estimation of random effects panel data regression*

11:10 – 11:30 **F. Yerlikaya-Özkurt:** *Feature selection for mean shift outlier model via the conic-fused Lasso*

11:20 – 11:40 Coffee Break - HyHyve

### Special Session (ROOM A) – Regression Models chair: **E. Fišerová**

11:40 – 12:00 **S. Anatolyev:** *Testing many restrictions under heteroskedasticity*

12:00 – 12:20 **Ş. Gökmen:** *Specification of spatial models with measurement error: a simulation study*

12:20 – 12:40 **L. Novais:** *Variable selection in finite mixture of linear mixed models using the EM and CEM algorithms*

12:40 – 13:00 **S. Alica:** *Comparison of performances of heteroskedasticity tests in the presence of measurement error*

13:00 – Lunch

**Plenary Session** – chair: **S. Puntanen**

15:00 – 15:45 **S. Datta:** *Marginal inference under informative subgroup size induced by a subject level covariate*

15:45 – 16:00 Break

**Parallel Session A (ROOM A)** – Small Area Estimation II  
chair: **D. von Rosen**

16:00 – 16:30 **D. von Rosen:** *Small area estimation using reduced rank regression*

16:30 – 16:50 **V. Pérez Giménez:** *Increasing the sample size by using rolling windows*

**Parallel Session B (ROOM B)** – High-Dimensional Statistics I  
chair: **T. Pavlenko**

16:00 – 16:30 **T. Pavlenko:** *Detection of sparse and weak effects in high-dimensional data*

16:30 – 17:00 **R. Ahmad:** *Efficient correlation tests for high-dimensional data*

17:00 – 17:20 Coffee break - HyHyve

**Special Session (ROOM A)** – Application of Statistics II  
chair: **I. Žežula**

17:20 – 17:40 **E. Derezea:** *A Saddlepoint approximation test for period detection: Application to lightcurves*

17:40 – 18:00 **L. Arnroth:** *A robustness evaluation of Bayesian tests for longitudinal data*

19:00 – Dinner