Sunday, 20.04.2008

14.00 – 19.00 – Registration
19.00 – Reception Dinner

Monday, 21.04.2008

8.00 – 9.00 – Breakfast

Session I – Opening lecture – Chair A. Dobek
9.00 – 9.05 – Opening – A. Dobek
9.05 – 10.05 – A. Atkinson: *On the choice of a linear model for regression or time series analysis*

10.05 – 10.20 – Coffee Break

Session II – Regression part I – Chair A. Atkinson
10.20 – 10.40 – A. Pérez: *An estimation method for general heteroscedastic structures in linear models*
10.40 – 11.00 – A. Alin: *Testing independence for the linear by linear association model using power-divergence test statistics*
11.00 – 11.20 – K. Maciąg: *On relations between classification and regression*
11.20 – 11.40 – W. Rejchel: *Rank correlation estimators and their limiting distributions*

11.40 – 11.55 – Coffee Break

Session III – Regression part II – Chair P. Pordzik
11.55 – 12.40 – G. Ross: *Fifty years of non-linear modelling by computer*
12.40 – 13.00 – E. Moreira: *L models and multiple regressions designs*

13.00 – 15.00 – Lunch

Session IV – Biomedical Applications of Statistics – part I – Chair L.R. LaMotte
15.00 – 15.45 – J. Kaufmann: *Analysis of cluster randomization trials for binary data*
15.45 – 16.05 – F. Konietschke: *Nonparametric analysis of clustered data in diagnostic trials*

16.05 – 16.20 – Coffee Break

Session V – Biomedical Applications of Statistics – part II – Chair J. Kaufmann
16.20 – 16.40 – B. Bogacka: *Adaptive experimental design for optimum dose-finding in Phase I clinical trials*
16.40 – 17.00 – Z. Hanusz: *Estimation of relative potency of two tuberculin-tests with correlated observations*
17.00 – 17.20 – R. Landri: *Ordering multivariate distributions by entropy and variance*

17.20 – 17.35 – Coffee Break

Session VI – Miscellanea – Chair B.K. Sinha
17.35 – 17.55 – D. Szynal: *Goodness-of-fit tests being components of partitions of chi–squared test statistics*
17.55 – 18.15 – M. Grządziel: *On REML estimation of variance components and global optimization methods*
18.15 – 18.35 – T. Rusch: *Test of additivity in mixed and fixed effects two-way ANOVA models with single subclass numbers*
18.35 – 18.55 – P. Rodrigues: *Analysis of an European Union election using principal component analysis*

19.00 – Dinner
Tuesday, 22.04.2008

8.00 – 9.00 – Breakfast

Session VII – Multivariate Linear Models – part I  – Chair D. von Rosen

9.00 – 10.00 – B.K. Sinha: *On some aspects of multivariate Behrens-Fisher problem*
10.00 – 10.20 – M. Ohlson: *Explicit estimators under m-dependence for a multivariate normal distribution*

10.20 – 10.40 – Coffee Break

Session VIII – Multivariate Linear Models – part II  – Chair G. Ross

10.40 – 11.10 – D. von Rosen: *Multivariate linear models with Kronecker covariance structure*
11.10 – 11.40 – J. Wesołowski: *Interplay between Wishart and GIG matrices*

11.40 – 11.55 – Coffee Break

Session IX – Multivariate Linear Models – part III  – Chair J. Wesołowski

11.55 – 12.40 – M. Krzyśko: *Discriminant analysis of multivariate repeated measures data with a Kronecker product structured covariance matrices*
12.40 – 13.00 – A. Szczępska: *Optimal block designs under multivariate linear model with additional nuisance parameters*

13.00 – 14.30 – Lunch

14.30 – 15.30 – Poster Session

A. Alin: *Comparison of PLS algorithms when number of objects is much larger than number of explanatory variables*
M. Graczyk: *Regular A-optimal chemical balance weighing design*
I. Kurzydło: *On some matrix Diophantine equations*
B. Lacruz: *The orthogonal pivoting transformation for detecting collinearity problems in linear regression*
I. Mejza: *Incomplete split-plot x split-block designs generated by Kronecker type products*
R. Różański: *Connected and E-optimal designs under an interference model*
I. Siatkowski: *Analysis for row-column designs*
A. Suchocka: *Relaxed alternating projection methods*

15.00 – 15.30 – Coffee

Session X – Tadeusz Caliński Session – part I  – Chair B. Bogacka

15.30 – 15.45 – Opening
15.45 – 16.00 – A. Dobek: *Short biography of Professor Caliński*
16.00 – 16.45 – M. Sari-Gorla: *Linear models in biology. Joint studies in quantitative genetics*
16.45 – 17.00 – R. Verdooren: *On Dutch-Polish statistical collaboration*
17.00 – 17.15 – J-P. Masson: *On French-Polish biometrical collaboration*

17.15 – 17.40 – Coffee Break

Session XI – Tadeusz Caliński Session – part II  – Chair R. Kala

17.40 – 19.40 – General discussion, comments and memories

20.00 – Special Dinner  Dinner Speaker: M. Karoński
Wednesday, 23.04.2008

8.00 – 9.00 – Breakfast

Session XII – Multivariate Nonparametric Methods – Chair H. Oja

9.00 – 10.00 – H. Oja: Multivariate linear regression based on spatial signs and ranks
10.00 – 10.20 – J. Möttönen: Multivariate nonparametric tests in a randomized complete block design
10.20 – 10.40 – K. Nordhausen: Location tests in the IC model using marginal ranks

10.40 – 10.55 – Coffee Break

Session XIII – Estimation and Prediction in Gauss–Markov Models – part I – Chair A. Markiewicz

10.55 – 11.40 – S. Puntanen: Decomposing matrices with Jerzy K. Baksalary
11.40 – 12.00 – P.R. Pordzik: Bounds for the Euclidean distance between restricted and unrestricted estimator of parametric functions in the general linear model

12.00 – 12.15 – Coffee Break

Session XIV – Estimation and Prediction in Gauss–Markov Models – part II – Chair G. Trenkler

12.15 – 12.35 – J. Kowalski: Stationary model in rotation schemes
12.35 – 12.55 – I. Malinowska: Estimation and prediction for a generalized exponential distribution based on kth lower records

13.00 – 15.00 – Lunch

Session XV – Experimental Designs – part I – Chair T. Caliński

15.00 – 15.45 – G.P.H. Styan: Some comments on Graeco-Latin squares and on magic squares, illustrated with playing cards and postage stamps
15.45 – 16.15 – R. Kala: On nested block designs geometry

16.15 – 16.30 – Coffee Break

Session XVI – Experimental Designs – part II – Chair S. Mejza

16.30 – 17.15 – L.R. LaMotte: A clarification of type III hypotheses in multi-factor models
17.15 – 17.35 – A. Łacka: Partially balanced block designs with nested rows and columns

17.35 – 17.50 – Coffee Break

Session XVII – Experimental Designs – part II – Chair R. Verdooren

17.50 – 18.35 – S. Mejza: Control treatments in split plot experiments
18.35 – 18.55 – K. Filipiak: On universal optimality of circular partially neighbor balanced designs under an interference model

19.00 – Dinner
Thursday, 24.04.2008

8.00 – 9.00 – Breakfast

Session XVIII – Statistical Inference in a Mixed Linear Model – part I – Chair J. Volaufova

9.00 – 9.45 – R. Zmysłony/M. Fonseca: Tolerance intervals in mixed models and confidence intervals for lognormal models

9.45 – 10.05 – M. Fonseca: A reduction dimension technique for conducting inference in mixed models

10.05 – 10.25 – F. Carvalho: Mixed models with commutative orthogonal block structures: an application

10.25 – 10.40 – Coffee Break

Session XIX – Statistical Inference in a Mixed Linear Model – part II – Chair R. Zmysłony

10.40 – 11.25 – J.T. Mexia: Structure of orthogonal segregated mixed models

11.25 – 11.45 – A. Michalski: On locally optimal invariant tests for the variance components ratio in mixed linear models

11.45 – 12.00 – Coffee Break

Session XX – Statistical Inference in a Mixed Linear Model – part III – Chair J.T. Mexia

12.00 – 12.45 – J. Volaufova: (Still) Testing for fixed effects in general mixed linear models

12.45 – 13.05 – R. Covas: Fiducial densities and pivot variables

13.05 – 15.00 – Lunch

15.00 – 19.00 – Excursion

Excursion Speaker: T. Caliński: On the influence of agricultural experimentation on the development of mathematical statistics

20.00 – Conference Dinner - Prize Ceremony
Friday, 25.04.2008

8.00 – 9.00 – Breakfast

Session XXI – Statistical Models for Analyzing Multi–Environment Variety Trials – part I – Chair Z. Kaczmarek

9.00 – 10.00 – H-P. Piepho: *Linear variance structures for modelling temporal and spatial correlations in biological data and data from agricultural field trials*

10.00 – 10.15 – Coffee Break

Session XXII – Statistical Models for Analyzing Multi–Environment Variety Trials – part II – Chair H-P. Piepho

10.15 – 11.00 – J-P. Masson: *Genotype - environment interaction: a comparison of two basic models*

11.00 – 11.40 – P. Krajewski: *A mixed model analysis of variance for multi-environment variety trials*

11.40 – 11.55 – Coffee Break


11.55 – 12.40 – R. Verdooren: *How to analyze variety trials without a computer?*

12.40 – 13.00 – K. Stefanova: *Modelling spatial variation in field experiments*

13.00 – 15.00 – Lunch

Session XXIV – Matrix Methods – Chair G.P.H. Styan

15.00 – 15.45 – G. Trenkler: *Generalizations of the formulas by Greville and Kovarik involving orthogonal projectors*

15.45 – 16.05 – C. Stepiak: *From equivalent linear equations to the Gauss-Markov theorem*

16.05 – 16.20 – Coffee Break

Session XXV – Estimation and Prediction in Gauss–Markov Models – part III – Chair S. Puntanen

16.20 – 17.05 – H. Drygas: *QR-decomposition from the statistical point of view*

17.05 – 17.25 – A. Markiewicz: *Admissibility and linear sufficiency in linear model with nuisance parameters*

17.25 – 17.40 – Coffee Break

Session XXVI – Problems of Spatial Econometrics – Chair W. Ratajczak

17.40 – 18.10 – W. Ratajczak: *Spatial econometrics - contemporary interpretations*

18.10 – 18.30 – J. Hauke: *Spatial autocorrelation, Moran coefficient properties and applications*

18.30 – 18.50 – T. Kossowski: *Convergence and divergence - spatial aspects*

18.50 – 19.00 – Closing

19.00 – Dinner