

---

**International Biometric Society**  
**Region Österreich-Schweiz (ROeS)**

---



**ROeS Seminar 2005**

Graz, Austria, September 25-29, 2005

---

[www.stat.tugraz.at/ROeS2005](http://www.stat.tugraz.at/ROeS2005)

## Conference Place



## Medical University Graz

Lecture Room of the Institute of Pathology

LKH - Univ.Klinikum  
Auenbruggerplatz 25  
8036 Graz  
Austria

ROeS Seminar Graz 2005  
Sunday, 25-09-2005

9:00-17:00 **Course:** Mixed Effects Models  
*Lecturer:* Jose Pinheiro [Novartis, USA]

9:00-13:00 1<sup>st</sup> Session

14:00-17:00 2<sup>nd</sup> Session

17:00-19:00 Registration at the conference place

**ROeS Seminar Graz 2005**  
**Monday, 26-09-2005**

7:30-9:00 Registration at the conference place

9:00-9:30 Welcome Address  
 Andrea Berghold, President ROeS  
 Gerhard Walter, Rector of the Medical University Graz

**9:30-12:20 Session 1 Proof of Concept Studies in Drug Development**

*Chair: HU Burger, Basel  
 M Branson, Basel*

9:30-10:30 **D. Berry** [Houston]  
 Intelligent Proofs of Concept

10:30-10:50 Break

10:50-11:35 **B. Reigner** [Basel]  
 Examples of Proof of Concept Studies in Clinical Development

11:35-12:20 **A. Racine** [Basel]  
 Decisions in a Proof of Concept Strategy? A Union between  
 Pharmacology and Statistics

12:20-14:00 Lunch

**14:00-17:10 Session 2 New Developments in Survival Analysis**

*Chair: M Schemper, Vienna*

14:00-14:45 **R. Henderson, O. Borgan, R. Fiaccone** [Lancaster]  
 Modelling, Estimation and Diagnostics for Longitudinal Binary Data with  
 Dropout

14:45-15:30 **J. Stare** [Ljubljana]  
 New Developments in Relative Survival

15:30-15:50 Break

15:50-16:35 **G. Heinze** [Vienna]  
 Exact Logrank Tests for Analyses of Gene Expression Profiles

16:35-17:20 **A. Wienke** [Halle-Wittenberg]  
 A Bivariate Compound Poisson Frailty Model

17:30-18:30 Assembly of the ROeS

18:30 Reception of the Governor of Styria at the conference place  
 Poster Session

**ROeS Seminar Graz 2005**  
**Tuesday, 27-09-2005**

**9:00-12:20 Session 3 Analysis of Safety Data in Drug Development**

*Chair: G. Rosenkranz, Basel*

9:00-9:15 **G. Rosenkranz** [Basel]  
 Introductory remarks on Safety Analyses

9:15-9:50 **G. Kralidis** [Basel]  
 Approaches to Signal Detection in Early Clinical Development

9:50-10:40 **B. Klingenberg** [Williamstown]  
 Multivariate Extensions of McNemar's Test for Drug Safety Evaluation

10:40-11:00 Break

11:00-11:50 **J. Dubin** [Waterloo]  
 Life History Event Charts and other Graphical Methods for the Analysis  
 of Safety Data

11:50-12:20 **F. König, W. Brannath, P. Bauer** [Vienna]  
 Adaptive Selection and Multiple Testing of Effective and Safe  
 Treatments

12:20-14:00 Lunch

**14:00-16:30 Session 4 Statistical Methods in Epidemiology**

*Chair: H. Ulmer, Innsbruck*

14:00-15:00 **H. Brenner** [Heidelberg]  
 New Methodological Developments in Population-Based Monitoring of  
 Cancer Patient Survival

15:00-15:30 **W. Oberaigner, W. Horninger, G. Bartsch** [Innsbruck]  
 Time Trend and Age-Period-Cohort Effect on Prostate Cancer Mortality  
 in Tyrol, Austria, after Introduction of PSA Testing

15:30-15:50 Break

15:50-16:30 **R. Pfeiffer** [Bethesda]  
 Inference for Covariates from Combined Family and Case Control Data

16:30-17:00 Presentation of STATA

19:30 Reception of the Mayor of Graz at the Town Hall

**ROeS Seminar Graz 2005**  
**Wednesday, 28-09-2005**

9:00-11:50	Session 5a Open Topics <i>Chair: Ch. Hoffmann, Zürich</i>	Session 5b Young Statisticians <i>Chair: E. Stadlober, Graz A. Berghold, Graz</i>
9:00-9:30	<b>U. Römisch, D. Vandev, K. Zur</b> [Berlin] Application of Interactive Regularised Discriminant Analysis to Wine Data	<b>I. Baldi, G. Ciccone, A. Ponti, R. Zanetti, D. Gregori</b> [Torino] An Application of the Cox-Aalen Model in a Record-Linkage Study of a Population-Based Breast Cancer Cohort
9:30-10:00	<b>H.P. Stüger</b> [Graz] Asymmetric Loss Functions and Sample Size Determination – A Bayesian Approach	<b>A. Balogh</b> [Budapest] Comparing Information Criteria for Capture-Recapture Model Selection via Monte Carlo Simulation
10:00-10:20	Break	Break
10:20-10:50	<b>S. Zehetmayer, P. Bauer, M. Posch</b> [Vienna] Two-stage Designs for Experiments with a Large Number of Hypotheses	<b>P. Zihnerl</b> [Ljubljana] The Effects of Group Social Capital on the Performance of PhD Students
10:50-11:20	<b>V. Barbieri, K.P. Pfeiffer</b> [Innsbruck] Spatial Clustering of Austrian Health Care Supply using Hospitals as Point Sources	<b>S. Hörmann, B. Pfeiler, E. Stadlober</b> [Graz] Investigations on Particulate Matter PM10 in Graz (open topic)

11:30-12:20 Arthur Linder Award

12:20-14:00 Lunch

14:00	Excursion
	Journey to the South of Styria Visit of the „Schloss Seggau“
18:30	Dinner at „Schloss Seggau“

**ROeS Seminar Graz 2005**  
**Thursday, 29-09-2005**

9:00-12:20	Session 6 Conditional vs. Marginal Modelling <i>Chair: H. Friedl (Graz)</i>
9:00-10:00	<b>G. Tutz</b> [Munich] Semiparametric Mixed Models and Boosting
10:00-10:30	<b>D. Gregori, I. Baldi</b> [Torino] Link Function in Marginal and Random Effects Models: Some Notes on Robustness to Link Mis-specifications
10:30-10:50	Break
10:50-11:20	<b>J. Pinheiro</b> [East Hanover] Conditional versus Marginal Covariance Representation for Linear and Nonlinear Models
11:20-11:50	<b>J. Hinde</b> [Galway] Random Effects, Mixtures, and NPMLE
11:50-12:20	<b>J. Hofrichter</b> [Graz] Statistical Modelling of Annual Maxima in Hydrology

12:20-14:00 Lunch

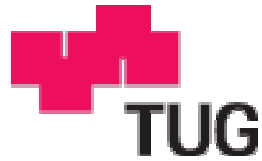
14:00-17:15	Session 7 Space-time Models for Environmental and Epidemiological Data <i>Chair: H.-R. Künsch, Zürich</i>
14:00-15:00	<b>M. Stein</b> [Chicago] Seasonal Variations in the Spatial-Temporal Dependence of total Column Ozone
15:00-15:40	<b>M. Schlather</b> [Hamburg] Modelling of Spatio-Temporal Processes
15:40-16:00	Break
16:00-16:40	<b>C. Dargatz, V. Georgescu, L. Held</b> [Munich] Stochastic Modelling of the Spatial Spread of Influenza in Germany
16:40-17:15	<b>H. Wagner</b> [Linz] Gibbs Sampling for Time Series of Small Counts

17:15 Closing Remarks

We kindly thank for their support:



→ Wissenschaft



JOANNEUM



RESEARCH



Dittrich & Partner Consulting GmbH  
Augsburg, Solingen

