

ROeS Seminar 2007, Bern

Program

Organisation:

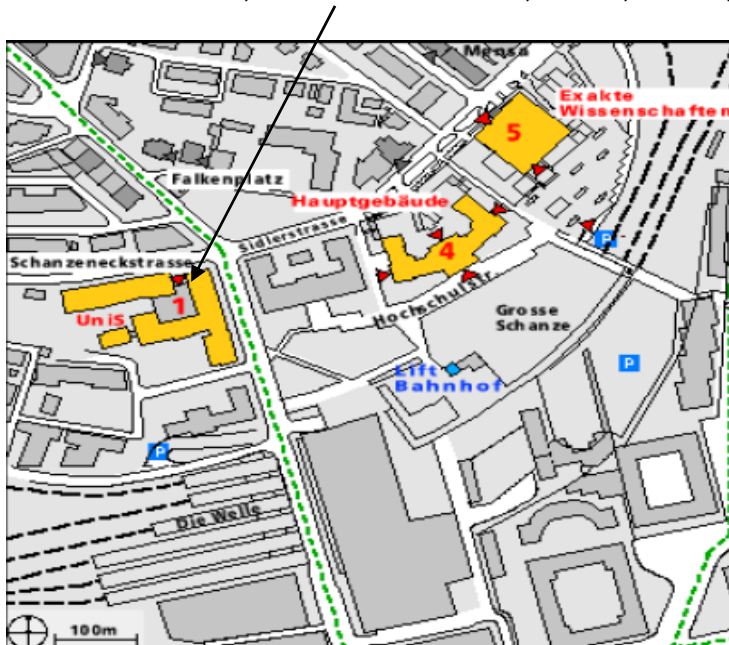
ROeS President: Hans Ulrich Burger F.Hoffmann-La Roche AG, 4070 Basel Tel. +41 (0)61 68 81499 e-mail: hans_ulrich.burger@roche.com	Local Organizer: Willi Maurer Novartis Pharma AG, 4002 Basel Tel. +41 (0)61 324 30 43 e-mail: willi.maurer@novartis.com
---	---

Topics:

- Statistical methods in Genetics and proteomics
- Statistical dose finding strategies
- Selection procedures and bias
- Methods in meta analyses

Venue :

Universität Bern , Schanzeneckstr. 1, 3012, Bern , Switzerland



Sunday, 9. September 2007

Arrival

Pre-Seminar course:

Introduction to adaptive designs

organized by Frank Bretz, Werner Brannath and Gernot Wassmer

Other course faculty members:

Tim Friede and Martin Posch

8:50-9:30	Introduction (F. Bretz)
9:30-10:30	Sample size re-estimation (T. Friede)
<i>10:30-10:45</i>	<i>Coffee break</i>
10:45-11:30	Group sequential designs (G. Wassmer)
11:30-12:30	Adaptive designs (W. Brannath)
12:30-13:30	Lunch
13:30-14:15	Estimation (W. Brannath)
14:15-15:00	Software with practical examples (G. Wassmer)
<i>15:00-15:30</i>	<i>Coffee break</i>
15:30-16:30	Multiple testing in adaptive designs (M. Posch)
16:30-17:15	Case studies (F. Bretz)
17:00-20:00	Registration and Reception Universität Bern , Schanzeneckstr. 1

Monday, 10 September 2007

9:00-9:30	Welcome address Hans Ulrich Burger , President ROeS Representative of Dekanat of the University Bern	
9:30-12:30	Session 1: Selection procedures and bias Chair: M. Mittlböck (Wien)	
9:30-10:30	David Draper (Santa Cruz): Model Mis-Specification Bias and Model Uncertainty: Bayesian Solutions	
10:30-10:50	<i>Pause</i>	
10:50-11:25	Amy Racine (Basel) Dose finding under constraints using Bayesian Model Averaging in Clinical Development	
11:25-12:00	Michael Schemper (Wien) Weighted Estimation in Cox Regression Revisited	
12:00-12:35	Franz Koenig (Wien) Adaptive Designs and Treatment Selection	
12:35-14:00	Lunch Break	
14:00-16:50	Session 2a: Free Papers (I) Chair: Ch. Hoffmann (Birmensdorf)	Session 2b: Young Statisticians (II) Chair : E. Stadlober, H. Friedl (Graz)
14:00-15:00	Andreas Krause (Basel) Modeling and Simulation to adjust p-values in Presence of a Regression to the Mean Effect Jouni Kerman (Basel) Bayesian Monitoring of Drug Safety Data	Paola Berchiolla (Torino) Bayesian network for pathological scarring due to burn injuries Natasa Kejzar (Ljubljana) Probabilistic inductive classes of graphs Marek Sedlacik (Brno) Use of ROC curves in diagnostics of glaucoma
15:00-15:20	<i>Pause</i>	<i>Pause</i>
15:20-16:50	Georg Ferber (Basel) The Maximum Mean Difference - Statistical Problems in Assessing Cardiac Safety Petra Ofner-Kopeinig (Graz) Simulation results of randomization methods using Randomizer M. Rauf Ahmad (Göttingen) Analysis of high dimensional repeated measures designs: Two-sample case	Matthias Templ (Wien) Problems and possibilities of cluster analysis: application on geochemical data Lucie Doudova (Brno) Statistical inference on negative binomial parameters estimation Jaromir Tonner (Brno) Bayesian approach to estimation of time-variable parameters Sonja Zehetmayer (Wien) Repeated significance tests controlling the False Discovery Rate
18:00-19:00	Reception organised by City and Canton of Bern (Erlacherhof , Junkerngasse 47)	

Tuesday, 11 September 2007

9:00-12:00 Session 3: Methods in meta analysis Chair: A. Berghold (Graz)		
9:00-9:50	Alex Sutton (Leicester): Evidence synthesis and improving efficiency in how we evaluate healthcare	
9:50-10:30	Mathias Egger (Bern): Meta-analysis: Perspective from clinical epidemiology	
10:30-10:50	<i>Pause</i>	
10:50-11:30	Marc Buyse (Brussels): Why meta-analyses should be based on individual patient data	
11:30-12:10	Martina Mittlböck (Wien): Assessing heterogeneity in meta analyses	
12:10-12:15	<i>Pause</i>	
12:15-13:15 Mitgliederversammlung (ROeS member assembly)		
13:15-14:15 Lunch Break		
14:15-17:05	Session 4a: Free Papers (II) Chair: N. Neumann (Basel)	Session 4b: Young Statisticians (II) Chair : J. Hüsler (Bern)
14:15-15:15	Gerta Rücker (Freiburg) Sample size distribution - an overlooked source of spurious bias in funnel plots Klaas Prins (Nijmegen) Modeling and Simulation using metadata: Away from inventing the wheel again	Michael Vock (Bern) One-Sided Confidence Regions for a Multivariate Location Parameter Michaela Paul (Zürich) Surveillance of Infectious Disease Data using Cumulative Sum Methods Andrea Riebler (Zürich) Bayesian Variable Selection for Detecting Adaptive Genomic Differences among Populations
15:15-15:35	<i>Pause</i>	<i>Pause</i>
15:35-17:05	Martin Posch (Wien) Adaptive Truncated Sequential Tests and the Bonferroni Procedure Ronald Gieschke (Basel) Use of Stochastic Differential Equations for Pharmacokinetic Modelling Valentin Rousson (Zürich) A mixed approach for proving non-inferiority with respect to binary endpoints	Antonia Zapf (Göttingen) Area under the curve (AUC) adjusted for covariates Nicolas Fournier (Lausanne) Gene expression data, survival analysis and power Frank Konietzschke (Göttingen) Nonparametric Analysis of Clustered-Data in Diagnostic Trials Kaspar Rufibach (Bern) On a new approach to regression with ordinal explanatory variables
18:00-19:30 City tour: Altstadtbummel		

Wednesday, 12 September 2007

9:00-12:00

Session 5: Statistical dose finding strategies

Chairs: B. Neuenschwander (Basel), S-F Hsu Schmitz (Bern)

9:00-9:50

Peter Müller (Houston):

Bayesian decision theoretic dose finding: A principled decision theoretic approach to dose finding, including simulation based sequential design

9:50-10:30

Holger Dette (Bochum):

Optimal Designs for Dose Finding Studies

10:30-10:50

Pause

10:50-11:25

Ulrich Beyer (Basel):

Dose finding supported by trial simulation: An example from the practice

11:25-12:00

Frank Bretz (Basel):

Adaptive Dose Ranging Studies

12:00-12:05

Pause

12:05-12:35

Arthur Linder Preis

12:35-14:00

Lunch

14:00-18:00

Excursion

19:00-23:00

Conference Dinner

Thursday 13 September 2007

9:00-12:20

Session 6: Statistical Methods in genetics and proteomics

Chair : W. Brannath (Wien)

9:00-9:50

Paul Eilers (Utrecht):
Statistical Classification for Reliable High-volume Genetic Measurements

9:50-10:30

Darlene Goldstein (Lausanne):
Gene expression signatures in human disease: an illustration with genomic data on breast cancer

10:30-10:50

Pause

10:50-11:30

Alexandra Goll (Wien):
Two-stage designs for proteomic and gene expression studies applying methods differing in costs

11:30-12:10

Michael G. Schimek (Graz):
False Discovery Rate Procedures in Practice: a Critical Appraisal

12:10-12:20

Closing remarks
Hans Ulrich Burger

Afternoon

Departure