

The Center for Statistics in Oldenburg and Bremen (ZeSOB) organizes its first

Methods Week in Statistics

from September 26th to September 29th, 2016, at the
University of Bremen, Building SFG, Lecture Hall 0140, on the topic:

“Simultaneous statistical inference and multiple testing”

The course is targeted to practitioners and application-oriented statisticians. We will present a variety of simultaneous inference methods and multiple test procedures, together with their software implementations and their methodological background. Focus will be on applications and on the appropriate choice of methods for concrete model classes and problems. The detailed program is given on the back side.

Lecturers:

Werner Brannath, University of Bremen
Thorsten Dickhaus, University of Bremen
Frank Schaarschmidt, Leibniz University of Hannover

Registration fees:

Bachelor and master students:	free of charge
Academic employees (including doctoral researchers):	30€
Non-academic attendants:	100€

The registration fee covers course material (slides in PDF format for password-protected download), as well as drinks and snacks during the coffee breaks.

Please register via email to: XXXX@XXXX.de until **Thursday, September 15th, 2016**.

The registration becomes active once the registration fee is transferred to the following bank account:

IBAN: XXXXXXXX

BIC: XXXXXXXX

Important: Please provide your name and the keyword “Methods week ZeSOB” in the reference of your bank transfer!

Program of the ZeSOB Methods Week in Statistic on Simultaneous statistical inference and multiple testing:

Monday, 26.09.2016

13.45h

Welcome (ZeSOB team)

14.00h – 17.00h (with 30 minutes coffee break)

Introduction,
p-value based multiple tests (WB)

Tuesday, 27.09.2016

9.00h – 12.30h (with 30 minutes coffee break)

Model-based multiple tests (FS)

12.30h – 14.00h

Lunch break

14.00h – 17.00h (with 30 minutes coffee break)

High-dimensional data,
control of the false discovery rate (TD)

18.00h – 22.00h

Dinner in “Haus am Walde”
(approx. 10 minutes walk)

Wednesday, 28.09.2016

9.00h – 12.30h (with 30 minutes coffee break)

Closed test procedures with
applications (WB)

12.30h – 14.00h

Lunch break

14.00h – 17.00h (with 30 minutes coffee break)

Simultaneous confidence regions with
applications (FS)

Thursday, 29.09.2016

9.00h – 12.30h (with 30 minutes coffee break)

Applications in the life sciences,
 μ TOSS software + GUI (TD)