

STATISTICAL DATA ANALYSIS, AUGUST 20-22, 2003
Dr Bill Venables, CSIRO
COURSE CENTER UNTERHOF, DIESSENHOFEN



Speaker

Bill Venables is a familiar contributor to the S-news mailing list over many years and well-known for his insights on the language and for the clear and effective way he communicates to S users. His first book, jointly authored with Professor B D

Ripley, *Modern Applied Statistics with*

S is considered the bible for S-PLUS users. The fourth edition appeared in July 2002. Their second book, *S Programming*, appeared in 2000 and has similarly established itself as the advanced programming reference of choice for programmers of the language. Bill was a senior lecturer for many years at the University of Adelaide, and has been giving S courses since 1992. In 1999 he left the University and joined the CMIS Environmental Group in CSIRO, and is currently working on spatial modelling and stock assessment problems in marine and other ecosystem management.

Topics

Using the S Language for Data Analysis and Graphics: sharpen your skills in the S language with S-PLUS or R. Basic programming concepts, overview of data types, data manipulation, effective use of scripts and functions, introduction to modelling with both classical and modern techniques, graphical functions, building graphs, trellis graphics.

More Advanced Programming in S with S-PLUS or R: use the system as a programming language for non-standard calculations as well as a pre-written system for standard ones. This course is designed to make programming in the S language effective, efficient and easy.

Recommended Prerequisites

The course assumes that attendees already have some experience with programming in S and some strong motivation to deepen their knowledge. A familiarity with Chapters 1-3 of "Modern Applied Statistics with S-PLUS" is probably an adequate theoretical basis, but experience with using S-PLUS or R is more important.

Applications

This is an applied course in statistical modelling. Participants are expected to bring their laptops with the R or S-Plus Software and - if possible - their own data sets. On each day there will be enough time for exercises, applications and personal consulting with Prof. Bill Venables.

Location

The course will be held in the course center Unterhof Diessenhofen, Switzerland (<http://www.unterhof.ch>).

Registration

Course fee: SFR 1490 for members of the Swiss Statistical Society. The course fee includes all meals and accommodation in single rooms. Participants arriving on August 19, 2003 should add SFR 145 for bed and breakfast.

A limited number of course places are reserved for participants from academic and non profit organisations. The reduced course fee of SFR 750 includes accommodation in double rooms and all meals.

The number of participants is limited to 20, with a minimum of 16 people. All lectures will be given in English.

Registration deadline: April 30, 2003.

For registration after April 30, 2003, SFR 200 will be added.

Please use the registration form on the previous page!

Further information: caterina.savi@winterthur.ch