9.00 Introduction to the data sets

  Case 1: The placement data
  Case 2: The aluminium pins data
  Case 3: The temperature data

9.30 Exploratory Data analysis

  Multivariate graphical displays

11.00 Data reduction

  Principal components analysis

11.30 Multivariate control charts

  T2 charts

12.00 Lunch Break

13.00 Hand's on workshop

  Data analysis in teams of two

15.00 Student presentations

  Presentations by students

17.30 Conclusion

  For more information:
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INTERESTS AND EXPERTISE
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POSITIONS HELD IN ACADEMIA:
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Books by R. Kenett:
1. **Modern Industrial Statistics: Design and Control of Quality and Reliability** (with S. Zacks), Duxbury Press, San Francisco, 1998, Spanish edition 2000, 2nd paperback edition 2002, Chinese edition 2004.
2. **Multivariate Quality Control: Theory and Applications** (with C. Fuchs), Marcel Dekker Inc., New York, 1998.
3. **Software Process Quality: Management and Control** (with E. Baker), Marcel Dekker Inc., New York, 1999, Taylor and Francis, Kindle Edition, 2007.
4. **Modern Statistics: A Computer Based Approach** (with S. Zacks), Brook/Cole, Pacific Grove, CA 2001.
5. **The Encyclopedia of Statistics in Quality and Reliability** (Editor in Chief, with F. Ruggeri and F. Faltin), John Wiley and Sons, 2007.

A HANDS' ON WORKSHOP
ON MULTIVARIATE DATA ANALYSIS
FOR PROCESS CONTROL

PROF RON S. KENETT

Turin, 22nd May 2008