



**Department of Economics and Management  
University of Trento**

# **Advances in Sampling Methods**

**Five lectures in order to understand the world of samplers  
15 February 2017**

**Room 16**

**Department of Sociology and Social Research  
University of Trento  
Italy**

Chair: Dr. **Maria Michela Dickson**, University of Trento

9:00 Opening

Prof. **Geremia Gios**, Head Department of  
Economics and Management, University of Trento,  
Italy

Prof. **Antonio Schizzerotto**, University of Trento  
and FBK – IRVAPP, Italy

9:45 *Selecting skillfully the sample*

Prof. **Yves Tillé**, University of Neuchâtel,  
Switzerland

11:00 Break

11:15 *A challenge for statisticians: the design-  
based spatial interpolation*

Prof. **Lorenzo Fattorini**, University of Siena, Italy

12:15 *A survey of list, graph, network sampling*

Prof. **Li-Chun Zhang**, University of  
Southampton, UK

13:00 Lunch

14:30 *Balanced, spatially balanced & doubly  
balanced sample selection algorithms based on  
MCMC*

Prof. **Roberto Benedetti**, University "G.  
d'Annunzio" of Chieti-Pescara, Italy

15:15 Break

15:30 *Variance estimation in spatial surveys*

Prof. **Emanuele Taufer**, University of Trento,  
Italy

16:30 Closing

The participation is free. The participants will receive a certificate of attendance.

**Scientific and Organizational Committee**

Giuseppe Espa, Diego Giuliani, Marco Bee, Flavio Santi  
Department of Economics and Management, University of Trento  
For any information, please contact 0461 282384



**UNIVERSITÀ DEGLI STUDI  
DI TRENTO**