



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Department
of Statistical Sciences
Via Cesare Battisti, 241
35121 Padova
amalm@stat.unipd.it
<http://amalm.stat.unipd.it>

ADVANCES IN MULTILEVEL AND LONGITUDINAL MODELLING

International Conference

28 January, 2019
University of Padova
Department of
Statistical Sciences

PROGRAM

9.30 | Registration

10 | Welcome address

10.20 | KEY-NOTE SPEECH | Harvey Goldstein

An approach to fitting generalised linear models with both missing data and errors of measurement in multilevel data

11:20 | Coffee break

11:50 | Session 1 | MULTILEVEL

11:50 | Work 1: L. Grilli, O.Paccagnella, C. Rampichini, R. Varriale
Aggregating level-1 information for imputing level-2 missing data

12.10 | Work 2: L. Grilli, M.F. Marino, O.Paccagnella, C. Rampichini
Multiple imputation and selection of ordinal level-2 predictors in multilevel models

12.30 | Work 3: M. Bernardi, O. Paccagnella
Bayesian Predictive Mean Matching imputation in multilevel models

12.50 | General Discussion

13:20 | Lunch

14.20 | KEY-NOTE SPEECH | Gerko Vink

The Dance of the Mechanisms: How Observed Information Influences the Validity of Missingness Assumptions

15.20 | Coffee break

Session 2: LONGITUDINAL

15.40 | Work 4: F.Bassi
Students' satisfaction in higher education: the role of practices, needs and beliefs of teachers

16 | Work 5: M. Alfò, M.F. Marino
Dependence and sensitivity in regression models for longitudinal responses subject to dropout

16.20 | General Discussion

16.50 | Closing

This one-day conference represents the final meeting of the project **SID2016 - Advances in Multilevel and Longitudinal Modelling**, funded by the University of Padua.

Starting in January 1st, 2017 the aim of this project has been to enrich the literature on multilevel modelling.

The project is composed by three units:

- 1) University of Padua – Dept. of Statistical Sciences: O. Paccagnella (PI), F. Bassi, M. Bernardi, A. Giraldo
- 2) University of Florence – Dept. of Statistics, Computer Science, Applications: L. Grilli, M.F. Marino, C. Rampichini
- 3) ISTAT: R. Varriale

SCIENTIFIC COMMITTEE

Leonardo Grilli

Omar Paccagnella

Carla Rampichini