

## ANALYSIS OF CHANGE

From 22 to 23 AND from 29 to 30 June 2017

**Place:** Genève

**Participants :** max. 15 doctoral students LIVES

**Organizers :** Paolo Ghisletta & Stephen Aichele

**Abstract:** Aims/contents:

The workshop presents and discusses modern methods for the analysis of change that complement the classical repeated measures analysis of variance approach. Multilevel models and structural equation models for longitudinal data will be discussed and directly applied to real data. The themes of the workshop are: Basics of structural equation modeling (SEM), models of change with two-occasion longitudinal data, latent curve models and longitudinal multilevel models, multiple-group analysis, latent-class analysis, missing data, and dynamic change models. Applications include cross-sectional SEM, two-occasion change models, latent curve and longitudinal multilevel models, multiple-group and missing data analyses, dynamic change models.

The workshop is to be attended by a limited number of scholars (about 15) who are asked to bring along their own laptops. The software used in the lab sessions is AMOS and R.