

**«An Introduction to Using Intensive Longitudinal Data to
Study Dyadic Processes»**

Lausanne, 6-7 October 2014

Course deliverers :

**Prof. Dr. Jean-Philippe Laurenceau, Department of Psychological & Brain
Sciences, University of Delaware**

Prof. Dr. Dominik Schoebi, Department of Psychology, University of Fribourg

Program Abstract

This 2-day workshop will introduce participants to answering research questions using intensive longitudinal dyadic data. Intensive longitudinal methods, often called experience sampling, daily diary, or ecological momentary assessment methods, allow researchers to study people's thoughts, emotions, and behaviors in their natural contexts. Typically they involve self-reports from individuals, dyads, families or other small groups over the course of hours, days, and weeks. Such data can reveal life as it is actually lived and provide insights that are not possible using conventional experimental or survey research methods. Intensive longitudinal dyadic data present analytic challenges stemming from multiple levels of analysis and the various sources of interdependence that exist in these data. Not only is there non-independence between members of the dyad, but in the longitudinal context there is also non-independence of repeated observations within each dyad member. The multilevel or mixed-effects model for longitudinal data is a flexible analytic tool that can take account of these complexities. The goal of the workshop is to provide an introduction to the use of intensive longitudinal designs and analysis of intensive longitudinal data for studying change processes in individuals and dyads.

The workshop will include lectures, software demonstrations, data analysis practice with example datasets, and, where possible, discussion of participants' own research interests and data. Software will focus on the use of SPSS and the free demo version of Mplus (which can be obtained at www.statmodel.com). Dr. J-P Laurenceau (University of Delaware) will be leading the workshop on Day 1 and will be joined by Dr. Dominik Schoebi (University of Fribourg) on Day 2.