

## **An Introduction to Multi-level Modelling Using Mplus**

**Professor Dave Putwain, School of Education, Liverpool John Moores University (UK)**

**When:** 9:30am – 4:30pm, Monday 9<sup>th</sup> May, 2016

**Where:** Leopoldstr. 13, room 3322

**Overview:** We are pleased to announce that Prof. Dave Putwain from Liverpool John Moores University (UK) will be holding a free, one-day, introductory seminar into multi-level modelling using *Mplus*. The workshop will be split into three sessions. Each session will begin with a presentation of the central topics and include an explanation of the code used for creating an *Mplus* input file and how to identify the important elements of the output file. This will be followed by opportunities to practice the techniques demonstrated with support from Dave.

### **Timetable:**

<b>Time</b>	<b>Session</b>	<b>Content</b>
9:30-11:30am	<b>1</b>	The first session will cover the conceptual foundations for conducting multi-level analyses, the preliminary analyses that should be conducted, and how to prepare a multi-level dataset in SPSS.
12:00-2:00pm	<b>2</b>	The second session will cover how to conduct and interpret multi-level confirmatory factor analysis and regression models in <i>Mplus</i>
2:30-4:30pm	<b>3</b>	The third session will cover how to conduct and interpret multi-level structural equation modelling in <i>Mplus</i> .

**Please note:** No prior knowledge of multi-level modelling or *Mplus* is required. Attendees will be expected to have a working knowledge of how to create a dataset in SPSS and it would be advantageous, although not essential, for attendees to have prior experience of exporting a data file from SPSS for use in *Mplus*. Attendees **must** bring their own laptops with *Mplus* already installed.

To register for a place on this course, please email: **Sandra.Becker@psy.lmu.de**  
There are just 15 places available, and these will be filled on a first-come, first-served basis, so sign up quickly to avoid disappointment!

**We look forward to seeing you there ☺**