

# summerschool UTRECHT

## Introduction to Structural Equation Modelling using Mplus (S20)

05 - 09 July 2021

Course Director: *Dr. Rebecca Kuiper*

E-mail: *ms.summerschool@uu.nl*

**Please note that the schedule is in Central European Summer Time.**

Saturday and Sunday 3 & 4 July		
Time	Activity	Description
12.00-18.00	Key pick up	You will find the exact key pick up location in the pre-departure information, which becomes available after you have paid the course fee.

Day	Time	Type	Description	Location
Monday	09:00 -12:45	Lecture: Dr. Beth Grandfield	Introduction to Mplus; how to get your data into Mplus; regression analysis; and factor analysis.	
	12:45 -13.15	Lunch		---
	13:15 -16:30	Computer lab		
Tuesday	09:00 -12:45	Lecture Dr. Noémi Schuurman	How to conduct CFA/EFA in Mplus; discussion of measurement invariance and its recent advances; introduction to bootstrap.	
	12:45 -13.15	Lunch		---
	13:15 -16:30	Computer lab		
Wednesday	09:00 -12:45	Lecture Dr. Noémi Schuurman	How to combine path analysis and factor analysis; and additional key SEM topics (e.g., nesting of models, mediation and moderation, and path tracing rules).	
	12:45 -13.15	Lunch		---
	13:15 -16:30	Computer lab		
Thursday	09:00 -12:45	Lecture Jeroen Mulder	Introducing longitudinal data analysis and thinking about causality using mediation analysis and the cross-lagged panel design; discussion of issues such as stable between-person differences, measurement error, and the lag-problem.	
	12:45 -13.15	Lunch		---
	13:15 -16:30	Computer lab		
Friday	09:00 -16:30		Room for individual consultation and to work on own data.	

For information about the Social Programme, visit  
the [Utrecht Summer School website!](#)