

International OpenMx Master Class Provisional Program

Day	Topic	Application	Date
Thursday	Versions and Versatility		November 14
9:00-10:30	OpenMx philosophy	Why doesn't software do what I want?	Boker/Neale
11:00-12:30	OpenMx philosophy	Thinking outside the box of regular SEM	Kirkpatrick/Brick
1:30- 3:00	Products of Variables	All about moderation, interaction and non-linear SEM	Boker/Neale
3:30- 5:00	WLS and Ordinal Variables	What to do about Likert measurement?	Hunter/Kirkpatrick
5:30- 7:30	Reception & Poster Session		
Friday	Time and Transitions		November 15
9:00-10:30	State Space Modeling	Understanding processes over time	Hunter/Boker
11:00-12:30	Multivariate Latent Growth Curve	What factors contribute to development?	Neale/Kirkpatrick
1:30- 3:00	Growth Mixture Modeling, Regime Switching	Do people jump groups or have different trajectories?	Brick/Neale
3:30- 5:00	Dynamical Systems Models	Models for change and continuous time processes	Boker/Brick
Saturday	Insights and Foresights (Heterogeneity and Hereafter)		November 16
9:00-10:30	Multilevel Modeling	Models for hierarchical and cross-classified data	Hunter/Kirkpatrick
11:00-12:30	Regularization and Feature Selection	Trees, forests and LASSO's	Brick/Boker
1:30- 3:00	Causal Mixture distributions	Longitudinal, family & instrumental variable data	Neale/Hunter
3:30- 5:00	The Future of SEM	Through the daze of future paths	Faculty
Common Schedule			
10:30-11:00	Coffee/Tea Break		
12:30- 1:30	Lunch Break		
3:00- 3:30	Coffee/Tea Break		
Faculty			
Co-Directors Faculty	Michael C. Neale, Professor & Hermine H. Maes, Professor, Virginia Institute for Psychiatric and Behavioral Genetics, VCU Steve Boker, Professor, Department of Psychology, University of Virginia Timothy R. Brick, Associate Professor & Mike Hunter, Assistant Professor, Human Development and Family Studies, Penn State University Robert Kirkpatrick, Luis Araujo, OpenMx Developers		
IT Support Admin Support	Joey Noble, IT Virginia Institute for Psychiatric and Behavioral Genetics Deanna Perez, Virginia Institute for Psychiatric and Behavioral Genetics		
Location			
	Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University Founders Conference Room		
Sponsor			
	Philanthropic gifts to VCU/VIPBG		