

Program and time schedule

Theoretical and Methodological Tasks and Challenges of Modeling and Measuring Competencies in Higher Education – Current State and Future Perspectives on Competence Assessment

Friday, April 4, 2014 at the Marriott, Third Level, Independence III

Organization/Moderation: *Christiane Kuhn & Miriam Toepper (KoKoHs)*

Time	Title	Speaker	Discussant	Theme
10:00 – 10:15	Welcoming Speech - Current Research State of Assessing Academic Competencies (KoKoHs)	Olga Zlatkin-Troitschanskaia, Johannes Gutenberg University Mainz, Germany	-	-
10:15 – 10:45	Addressing Ecological Validity in Modeling and Measuring Competencies in Higher Education	Li Cao, University of West Georgia, USA	Ross E. Markle, Educational Testing Service, Princeton, USA	Measurement and Research Methodology
10:45 – 11:15	Item Response Theory Based University Exams (MoKoMasch)	Linda Gräfe & Andreas Frey, Friedrich Schiller University Jena, Germany	Ronald K. Hambleton, University of Massachusetts Amherst, USA	
11:15 – 11:45	A Multilevel Analysis of Differences in the Economic Content Knowledge of University Students in Germany with Individual and Contextual Covariates (WiwiKom)	Susanne Schmidt, Manuel Förster & Olga Zlatkin-Troitschanskaia, Johannes Gutenberg University Mainz, Germany	Jean-Paul Fox, University of Twente, Netherlands	
11:45 – 12:15	Assessing the Effects of a (School Wide) Data-based Decision Making Intervention on Student Achievement Growth in Dutch Primary Schools	Marieke van Geel, University of Twente, Netherlands	James W. Pellegrino, University of Illinois at Chicago, USA	
12:15 – 13:15	Lunch break			
	<ul style="list-style-type: none"> • Restaurant "13" at the Marriott • Reading Terminal Market (over 80 Kiosk): across the street 			
13:15 – 13:45	A Case Study of an International Performance-Based Assessment of Critical Thinking Skills	Doris Zahner & Raffaella Wolf, Council for Aid to Education, New York, USA	Klaus Beck, Johannes Gutenberg University Mainz, Germany	Generic Competencies in Higher Education

13:45 – 14:15	How can we Model and Measure Pre-active Teacher Students' Pck in the Domain of History? Performances of Individual Pck in History as a Product of Knowledge Integration – Studies Towards a Mixed-method Approach in Test-construction (SOSCIE)	Nicola Brauch, Ruhr University Bochum, Germany	Hamish Coates, University of Melbourne, Australia	Generic Competencies in Higher Education
14:15 – 14:45	Useful Strategies in Dealing With Primary Scientific Literature: An Expert-Novice Comparison (KOSWO)	Elisabeth Marie Schmidt, Bielefeld University, Germany	Li Cao, University of West Georgia, USA	
14:45 – 15:15	Coffee break			
15:15 – 15:45	Effects of Opportunities to Learn on the Mathematics Pedagogical Content Knowledge of Prospective Kindergarten Teachers (KomMa)	Sigrid Blömeke, Humboldt University Berlin, Germany	Alicia Alonzo, Michigan State University, USA	Teacher Training in STEM Fields
15:45 – 16:15	Modeling and Measuring Pedagogical Media Competencies of Pre-Service Teachers (M ³ K)	Silke Grafe, University of Würzburg, Germany & Andreas Breiter, University of Bremen, Germany	Richard J. Shavelson, Stanford University & SK Partners, USA	
16:15 – 16:45	Modeling Competences of Teaching Computer Science in German Schools at High School Level - Theoretical Framework, Curriculum Analysis and Critical Incident Based Expert Interviews (KUI)	Elena Bender & Niclas Schaper, University of Paderborn, Germany	Fritz Oser, University Freiburg, Switzerland	
16:45 – 17:15	Summary Commentary Conclusion and Implications for Further Research	Alicia Alonzo, Michigan State University, USA & Sigrid Blömeke, Humboldt University Berlin, Germany	Lee Shulman, Stanford University, USA	-
17:15 – 18:00	Reception/Informal get together (small snacks and beverages)			

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