

Date	Day	Time	Name	Session Role	Title	Authors	Unit /Sub Unit	Session Type	Location
12-Apr	Sun	9:00 - 17:00	Hancock, Gregory R.	Instructor	PDC10: Structural Equation Modeling: A First Course (Day 1)		Professional Development and Training Committee	AERA Professional Development Course	San Diego Marriott Hotel & Marina / Green Room
13-Apr	Mon	8:00 - 17:00	Mislevy, Robert J.	Presenter			Bayesian Networks in Educational Assessment	NCME MM	Hard Rock Hotel / Legends 6
13-Apr	Mon	9:00 - 17:00	Hancock, Gregory R.	Instructor	PDC10: Structural Equation Modeling: A First Course (Day 2)		Professional Development and Training Committee	AERA Professional Development Course	San Diego Marriott Hotel & Marina / Green Room
13-Apr	Mon	12:00 - 13:30	Cho, Youngmi	Non-Presenter	Research Findings: Leveraging ECD in Scenario-Based Science Assessments	*Dennis Fulkeron (Pearson); *Paul D. Nichols (Pearson); Robert J. Mislevy (UMCP); Min Liu (UMCP); *Daniel R. Zalles (SRI International); Ron C. Fried (SRI International); Serena Estrella Villalba (SRI International); Angela Haydel Debarger (SRI International); Britte Cheng (SRI International); Alexis L. Mitman; Geneva D. Haertel (SRI International); Youngmi Cho (UMCP)	SIG-Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Marina Ballroom Salon D
13-Apr	Mon	12:00 - 13:30	Harring, Jeffrey R.	Presenter	Probabilistic Inferences for the Sample Pearson Product Moment Correlation in the Behavioral Sciences	John A Wasko (UMCP); *Jeffrey R. Harring (UMCP)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Salon E
13-Apr	Mon	12:00 - 13:30	Liu, Min	Presenter	Research Findings: Leveraging ECD in Scenario-Based Science Assessments	*Dennis Fulkeron (Pearson); *Paul D. Nichols (Pearson); Robert J. Mislevy (UMCP); Min Liu (UMCP); *Daniel R. Zalles (SRI International); Ron C. Fried (SRI International); Serena Estrella Villalba (SRI International); Angela Haydel Debarger (SRI International); Britte Cheng (SRI International); Alexis L. Mitman; Geneva D. Haertel (SRI International); Youngmi Cho (UMCP)	SIG-Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Marina Ballroom Salon D
13-Apr	Mon	12:00 - 13:30	Mislevy, Robert J.	Non-Presenter	Research Findings: Leveraging ECD in Scenario-Based Science Assessments	*Dennis Fulkeron (Pearson); *Paul D. Nichols (Pearson); Robert J. Mislevy (UMCP); Min Liu (UMCP); *Daniel R. Zalles (SRI International); Ron C. Fried (SRI International); Serena Estrella Villalba (SRI International); Angela Haydel Debarger (SRI International); Britte Cheng (SRI International); Alexis L. Mitman; Geneva D. Haertel (SRI International); Youngmi Cho (UMCP)	SIG-Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Marina Ballroom Salon D
13-Apr	Mon	12:00 - 13:30	Mislevy, Robert J.	Presenter	Project Overview and Background	*Robert J. Mislevy (UMCP); *Geneva D. Haertel (SRI International); *Dennis Fulkeron (Pearson)	SIG-Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Marina Ballroom Salon D

13-Apr	Mon	12:00 - 13:30	Rupp, Andre A.	Chair	Software for Calibrating Diagnostic Classification Models: An Overview of the Current State of the Art		SIG-Cognition and Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Mission Hills
13-Apr	Mon	14:15 - 15:45	Gao, Jing	Presenter	The Impact of Model Selection on Loglinear Analysis of Contingency Table and Use of Bayesian Model Averaging	*Jing Gao (UMCP)	SIG-Educational Statisticians	AERA Paper	San Diego Marriott Hotel & Marina / Balboa
13-Apr	Mon	14:15 - 15:45	Gushta, Matthew M.	Presenter	Separating Item Difficulty and Cognitive Complexity in Educational Achievement Testing	*Matthew M. Gushta (American Institutes for Research); Futoshi Yumoto (UMCP); Allison Williams (American Institutes for Research)	SIG-Cognition and Assessment	AERA Paper	San Diego Marriott Hotel & Marina / Mission Hills
13-Apr	Mon	14:15 - 15:45	Rupp, Andre A.	Non-Presenter	Validity of Proficiency Profiles in Arithmetic Ability Based on Cognitive Diagnosis Models	*Olga Kunina (Institute for Educational Progress); Oliver Wilhelm (Humboldt University - Berlin); Andre A. Rupp (UMCP)	SIG-Cognition and Assessment	AERA Paper	San Diego Marriott Hotel & Marina / Mission Hills
13-Apr	Mon	16:05 - 17:35	Choi, Youn	Participant	An Integrated Research Program for E-Learning and Assessment in a Complex Domain		Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Symposium	Omni San Diego / Salon E
13-Apr	Mon	16:05 - 17:35	Harring, Jeffrey R.	Discussant	Interesting Applications of Statistical and Psychometric Methods: Structured Poster Session		Division D-Measurement and Research Methodology / Division D	AERA Structured Poster	San Diego Marriott Hotel & Marina / Marriott Hall Salon 3
13-Apr	Mon	16:05 - 17:35	Liu, Junhui	Participant	An Integrated Research Program for E-Learning and Assessment in a Complex Domain		Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Symposium	Omni San Diego / Salon E
13-Apr	Mon	16:05 - 17:35	Mislevy, Robert J.	Chair	An Integrated Research Program for E-Learning and Assessment in a Complex Domain		Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Symposium	Omni San Diego / Salon E
13-Apr	Mon	16:05 - 17:35	Rupp, Andre A.	Discussant	Interesting Applications of Statistical and Psychometric Methods		Division D-Measurement and Research Methodology / Division D	AERA Structured Poster	San Diego Marriott Hotel & Marina / Marriott Hall Salon 3
14-Apr	Tue	8:15 - 10:15	Jiao, Hong	Non-presenter	Effect of Ignoring Hierarchical Data Structures on Accuracy of Vertical Scaling: A Mixed-Effects Rasch Model Approach	*Shudong Wang (ETS); Hong Jiao (UMCP); Ying Jin (American Institutes for Research)	SIG-Rasch Measurement	AERA Paper	Omni San Diego / Gallery 3A
14-Apr	Tue	12:25 - 13:55	Harring, Jeffrey R.	Participant	Division D: Measurement and Research Methodology Luncheon and Business Meeting		Division D-Measurement and Research Methodology / Division D	AERA Business Meeting	San Diego Convention Center / Ballroom 20D
14-Apr	Tue	12:25 - 13:55	Li, Feifei	Presenter	A Vertical Linking Design for Periodic Assessments and Tests that Consist of Situated Tasks	Feifei Li (UMCP); Frank Rijmen (ETS)	Design Issues in Vertical Scaling	NCME C3	Hard Rock Hotel / Legends 5
14-Apr	Tue	14:15 - 15:45	Hancock, Gregory R.	Presenter	Mixture Models Within Experimental Design to Accommodate and Assess Potential Treatment Nonresponse	John A Wasko (UMCP); *Gregory R. Hancock (UMCP)	SIG-Educational Statisticians	AERA Paper	San Diego Marriott Hotel & Marina / Newport Beach
14-Apr	Tue	14:15 - 15:45	Jiao, Hong	Non-Presenter	Exploring Relationship between Static and Dynamic Vertical Scaling from Cross-Section and Longitudinal Design Perspective	Shudong Wang (Pearson); Hong Jiao (UMCP); Yanming Jiang (UMCP)	Issues in Vertical Scaling	NCME D5	Hard Rock Hotel / Legends 6
14-Apr	Tue	14:15 - 15:45	Zhang, Ting	Presenter	Assessing the Model Fit of Cognitive Diagnosis Models through Bayesian Methods: A Simulation Study	Ting Zhang (UMCP); André A. Rupp (UMCP)	Cognitive Diagnosis	NCME D4	Hard Rock Hotel / Legends 2
14-Apr	Tue	16:05 - 18:05	Lissitz, Robert W.	Presenter			Accurate Assessment of Student Achievement: Today's Challenges and Solutions (Graduate Student Issues Committee) – Invited Symposium	NCME E1	Hard Rock Hotel / Legends 3

15-Apr	Wed	10:35 - 12:05	Hancock, Gregory R.	Non-Presenter	Latent Variable Models for Estimating Quadratic Effects in Structural Equation Modeling	*Brandi A. Weiss (UMCP); Gregory R. Hancock (UMCP)	SIG-Structural Equation Modeling	AERA Paper	San Diego Convention Center / Room 27B
15-Apr	Wed	10:35 - 12:05	Harring, Jeffrey R.	Presenter	The Effects of Mean Centering Exogenous Predictors in Latent Variable Interaction Models	*Jeffrey R. Harring (UMCP)	SIG-Structural Equation Modeling	AERA Paper	San Diego Convention Center / Room 27B
15-Apr	Wed	10:35 - 12:05	Jiao, Hong	Chair	Diagnostic Scores: Issues and Practice		Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Salon E
15-Apr	Wed	10:35 - 12:05	Kroopnick, Marc H.	Non-Presenter	An Investigation of the Validity of Augmented Subscores in Large-Scale High-Stakes Admissions Situations	*Xiaohui (Dawn) Zhao (Association of American Medical Colleges); John N. Demberlyker (University of Iowa); Shuqin Tao (Data Recognition Corporation); Marc Howard Kroopnick (Association of American Medical Colleges)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Salon E
15-Apr	Wed	10:35 - 12:05	Weiss, Brandi A.	Presenter	Latent Variable Models for Estimating Quadratic Effects in Structural Equation Modeling	*Brandi A. Weiss (UMCP); Gregory R. Hancock (UMCP)	SIG-Structural Equation Modeling	AERA Paper	San Diego Convention Center / Room 27B
15-Apr	Wed	14:15 - 15:45	Li, Feifei	Moderator			New Directions in Test Scoring	NCME H4	Hard Rock Hotel / Legends 5
15-Apr	Wed	16:05 - 18:05	Kohli, Nidhi	Presenter	An Alternative Comparison of Item and Person Statistics Based on Item Response Theory versus Classical Test Theory	Nidhi Kohli (UMCP); Jennifer Koran (UMCP); André A. Rupp (UMCP)	Graduate Student Poster	NCME I6	Hard Rock Hotel / The Edge
15-Apr	Wed	16:05 - 18:05	Koran, Jennifer	Non-Presenter	An Alternative Comparison of Item and Person Statistics Based on Item Response Theory versus Classical Test Theory	Nidhi Kohli (UMCP); Jennifer Koran (UMCP); André A. Rupp (UMCP)	Graduate Student Poster	NCME I6	Hard Rock Hotel / The Edge
15-Apr	Wed	16:05 - 17:35	Jiao, Hong	Non-presenter	A Longitudinal Study of the Achievement Gap: Gender and Ethnicity Difference in Reading and Mathematics Progress	*Shudong Wang (ETS); Hong Jiao (UMCP)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Salon D
16-Apr	Thu	8:15 - 9:45	Mislevy, Robert J.	Presenter	Evidence-Centered Design: Implications for Testing in Special Education	*Robert J. Mislevy (UMCP); Eric G. Hansen (ETS); Ting Zhang (UMCP)	SIG-Inclusion and Accommodation in Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Oceanside
16-Apr	Thu	8:15 - 9:45	Zhang, Ting	Non-Presenter	Evidence-Centered Design: Implications for Testing in Special Education	*Robert J. Mislevy (UMCP); Eric G. Hansen (ETS); Ting Zhang (UMCP)	SIG-Inclusion and Accommodation in Large-Scale Assessment	AERA Symposium	San Diego Marriott Hotel & Marina / Oceanside
16-Apr	Thu	8:15 - 10:15	Jiao, Hong	Presenter	Mixture Rasch Model for Dichotomously Scored Testlet Based Assessments	Hong Jiao (UMCP); Shudong Wang (ETS); Ru Lu (UMCP)	Mixture IRT Models	NCME J3	Hard Rock Hotel / Legends 4
16-Apr	Thu	8:15 - 10:15	Jiao, Hong	Non-Presenter	Detecting DIF using Mixture Rasch Model	Ru Lu (UMCP); Hong Jiao (UMCP)	Mixture IRT Models	NCME J3	Hard Rock Hotel / Legends 4
16-Apr	Thu	8:15 - 10:15	Lu, Ru	Presenter	Detecting DIF using Mixture Rasch Model	Ru Lu (UMCP); Hong Jiao (UMCP)	Mixture IRT Models	NCME J3	Hard Rock Hotel / Legends 4
16-Apr	Thu	8:15 - 10:15	Lu, Ru	Non-Presenter	Mixture Rasch Model for Dichotomously Scored Testlet Based Assessments	Hong Jiao (UMCP); Shudong Wang (ETS); Ru Lu (UMCP)	Mixture IRT Models	NCME J3	Hard Rock Hotel / Legends 4
16-Apr	Thu	10:35 - 12:05	Jiao, Hong	Presenter	The Effects of Anchor Item Selection on IRT True Score Equating With Nonequivalent-Group Anchor-Test Design	*Hong Jiao (UMCP); Shudong Wang (ETS)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Balboa 3
16-Apr	Thu	10:35 - 12:05	Li, Ying	Presenter	Application of Evaluative Criteria to Existing Benchmark Tests	*Ying Li (UMCP); *Brian Gong (National Center for the Improvement of Educational Assessment, Inc.)	Division H-Research, Evaluation and Assessment in Schools / Section 3: Assessment in the Schools	AERA Symposium	Omni San Diego / Salon B
16-Apr	Thu	10:35 - 12:05	Rupp, Andre A.	Discussant			Test Speededness and Consequences: A Discussion	NCME K3	Hard Rock Hotel / Legends 4

16-Apr	Thu	12:25 - 13:05	Mann, Heather M.	Presenter	Testing for Differentially Functioning Indicators Using Mixtures of Confirmatory Factor Analysis Models	*Heather Marie Mann (UMCP)	SIG-Structural Equation Modeling	AERA Paper Discussion (formerly known as Roundtables)	San Diego Marriott Hotel & Marina / Marriott Hall Salon 4
16-Apr	Thu	12:25 - 13:55	Cao, Yi	Presenter	Mixed-Format Test Equating: Effects of Test Dimensionality and Common-Item Sets	Yi Cao (ACT, Inc.); Robert Lissitz (UMCP)	Test Equating with Constructed-Response Items and Mixed-Format Tests	NCME L5	Hard Rock Hotel / Legends 6
16-Apr	Thu	12:25 - 13:55	Lissitz, Robert W.	Non-Presenter	Mixed-Format Test Equating: Effects of Test Dimensionality and Common-Item Sets	Yi Cao (ACT, Inc.); Robert Lissitz (UMCP)	Test Equating with Constructed-Response Items and Mixed-Format Tests	NCME L5	Hard Rock Hotel / Legends 6
16-Apr	Thu	13:15 - 13:55	Kroopnick, Marc H.	Presenter	Assessing Classification Bias in Latent Class Analysis: Comparing Reconstitution and Leave-One-Out Methods	*Marc Howard Kroopnick (Association of American Medical Colleges); Jaehwa Choi (The George Washington University); Jinsong Chen (The George Washington University); C. Mitchell Dayton (UMCP)	SIG-Educational Statisticians	AERA Paper Discussion (formerly known as Roundtables)	San Diego Marriott Hotel & Marina / Marriott Hall Salon 4
16-Apr	Thu	14:15 - 15:45	Rupp, Andre A.	Discussant	IRT Applications		Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Omni San Diego / Salon E
16-Apr	Thu	14:15 - 15:45	Li, Dongyang	Presenter	Developing a Common Scale for Testlet Model Parameters Using a Characteristic Curve Scaling Method	Dongyang Li (UMCP)	Equating with Testlets	NCME M5	Hard Rock Hotel / Legends 6
16-Apr	Thu	16:05 - 17:35	Jiao, Hong	Presenter	An Investigation of Local Item Dependence in Scenario-Based Science Assessments	*Hong Jiao (UMCP); Shudong Wang (ETS); Lei Wan (Pearson); Ru Lu (UMCP)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Manchester Grand Hyatt / Manchester Ballroom - Section D
16-Apr	Thu	16:05 - 17:35	Lu, Ru	Non-Presenter	An Investigation of Local Item Dependence in Scenario-Based Science Assessments	*Hong Jiao (UMCP); Shudong Wang (ETS); Lei Wan (Pearson); Ru Lu (UMCP)	Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics, and Assessment	AERA Paper	Manchester Grand Hyatt / Manchester Ballroom - Section D
16-Apr	Thu	16:05 - 18:05	Hancock, Gregory R.	Discussant	Measurement Issues in Structural Equation Modeling		SIG-Structural Equation Modeling	AERA Paper	San Diego Convention Center / Room 14B
16-Apr	Thu	16:05 - 18:05	Koran, Jennifer	Presenter	An Integrated Item Response Model for Evaluating Individual Students' Growth in Educational Achievement	Jennifer Koran (UMCP)	Measurement of Growth	NCME N2	Hard Rock Hotel / Legends 5
17-Apr	Fri	10:35 - 12:05	Lissitz, Robert W.	Participant	Educational Researcher — Closed Editorial Board Meeting		AERA Governance	AERA Governance	San Diego Marriott Hotel & Marina / Marina
17-Apr	Fri	13:15 - 13:55	Kroopnick, Marc H.	Presenter	Investigating the Predictive Validity of Different Methods of Using Test-Retest Scores on the MCAT® Exam	*Xiaohui (Dawn) Zhao (Association of American Medical Colleges); Marc Howard Kroopnick (Association of American Medical Colleges); Scott H. Oppler (Association of American Medical Colleges); Rebecca A. Baranowski (American Board of Internal Medicine)	Division I-Education in the Professions	AERA Paper Discussion (formerly known as Roundtables)	San Diego Convention Center / Ballroom 6A