

## NCME 2021: Schedule At a Glance

### Pre-conference Sessions

	<b>Tuesday May 18, 2021</b>		<b>Thursday May 20, 2021</b>	
<b>11:00a - 12:30p</b>	A Case Study in Measurement Practice and The Public Perception	(Invited Session) Lessons about the modeling and measurement of human abilities	Unpacking Cognitive Complexity: What is it and Why is it so Hard?	(Invited Session) Using Longitudinal Assessment to Support Professional Development
<b>2:00p - 3:30p</b>	Embedded Standard Setting: Research & Advances	Psychometric Challenges and Potential Solutions for Educator Testing in Pandemic Environment	Procedures for establishing and evaluating linkages between scores collected in different modes	Ethics & STEM Assessments: Content modeling, construct mapping, psychometric models, mitigating bias
	<b>Tuesday May 25, 2021</b>		<b>Thursday May 27, 2021</b>	
<b>11:00a - 12:30p</b>	(SIGIMIE Session) Current Challenges in Large-scale Assessment and Responses/Innovations	Fair and Valid Assessment of ELs with the Most Significant Cognitive Disabilities	Psychometrics for Digital-First Assessments: The Duolingo English Test Application	Assessing COVID-19 Impacts on Assessment and Learning using Star Interim Assessments
<b>2:00p - 3:30p</b>	(SIGIMIE Session) Scaling, Linking, & Equating Du Jour: A Discussion with Experts	(Invited Session) Advancing Women in Measurement: Barriers and Opportunities	Large-scale Educational Data Sets and the Ethics of their Monetization	(Invited Session) Education literacy for psychometricians
	<b>Tuesday June 1, 2021</b>		<b>Thursday June 3, 2021</b>	
<b>11:00a - 12:30p</b>	On the Assessment of Non-Cognitive Competencies in Licensure: Why, Whether, and How?	(SIGIMIE Session) Building a Multidimensional Future: A Conversation on Big Data and Educational Measurement	(SIGIMIE Session) Testing Time: The Push and Pull in High-Stakes State Accountability Assessments	Advancing Assessment in Medical Education
<b>2:00p - 3:30p</b>	(SIGIMIE Session) Debating the training of future measurement professionals	Guidelines for Technology-Based Assessments: An ITC and ATP Collaboration	(SIGIMIE SESSION) Challenges and opportunities in delivering virtual oral and OSCE examinations	Creating Coherence: Integrating Principled Assessment Design, PLDs, and Standard Setting

**Conference Week: Wednesday June 9**

	<b>ROOM 1</b>	<b>ROOM 2</b>	<b>ROOM 3</b>	<b>ROOM 4</b>	<b>ROOM 5</b>	<b>ROOM 6</b>	<b>ROOM 7</b>
<b>9:00a - 10:30a</b>	(Invited Session) Using Educational Assessments to Educate: Opportunities for Leveraging the “Power” of Assessment	From CAT to Smart Learning – Urgent Research During the Pandemic	(Invited Session) A.I. and Machine Learning	High Definition Detection of Testing Misconduct	Issues in Item and Test Design	The Resurgence of Interim Assessment— Bringing Teaching and Testing Back Together	Innovations in Response Time Models
<b>10:35a - 11:00a</b>	Coffee Chat: Opportunities for Assessments to Serve Education	Coffee Chat: Public Perceptions of our Work in Measurement and the Road Ahead	Coffee Chat: Ethics and Assessment Data	Coffee Chat: Assessing special student populations	Coffee Chat: Non-Cognitive Competencies in Credentialing	Coffee Chat #6: Interim Assessment: The good, the bad, and everything in between	Coffee Chat: Chill with a little Chat
<b>11:15a - 12:45p</b>	(CODIT Feature Session) Black Lives Matter in Educational Measurement	(SIGIMIE Session) Navy Education: Building and Implementing a Statewide Diagnostic Assessment System	Advancing Digital Instruction and Assessment with Natural Language Processing & Learning Analytics	Psychometric Modeling of Data Based on a Table of Specifications	Validity, Psychometric Properties, and Accessibility of Innovative Item Types in K-12 Assessments	Application of Fit Statistics	Application of Response Time Models
<b>1:00p - 2:00p</b>	Electronic Board Session #1	(Research Blitz) Focus on Linking and Equating	(Research Blitz) Focus on Adaptive Testing	Item Evaluation Strategies	(Invited Session) The value of assessment data from spring 2021: A debate	Focus on Students with Disabilities	Automatic Item Generation Considerations
<b>2:15p - 3:45p</b>	Modeling Response Time: A Collaborative Case Study on a High-Stakes Admission Exam	Developing Successful and Impactful Assessment Products – Balancing Research and Business Considerations	(Invited Session) Assessment Literacy: Practical Applications and Implications (National Association of Assessment Directors)	Going beyond Scores: Understanding Response and Process in Large-scale Assessments	Fostering Assessment Quality: Learning from Federal “Peer Review” Criteria, Process, and Impact	Topics in Standard Setting	Grading and Raters
<b>4:00p - 5:30p</b>	Standard Setting Challenges and Solutions for Innovative Assessment System Designs	Scrutinizing item responses and response times: Experimental and analytic approaches	Suggestions for Fairness and Equity, as well as Quality, in Testing	Electronic Board Session #4	Diagnostic Assessments: Moving from Theory to Practice	Topics in Measuring Growth	Techniques in Machine Learning or Artificial Intelligence

**Conference Week: Thursday June 10**

	<b>ROOM 1</b>	<b>ROOM 2</b>	<b>ROOM 3</b>	<b>ROOM 4</b>	<b>ROOM 5</b>	<b>ROOM 6</b>	<b>ROOM 7</b>
<b>7:30 – 8:30</b>	NCME Yoga						
<b>9:00a - 10:30a</b>	Focus on English Language Learners	The Past, Present, and Future of Item Difficulty Modeling	Leveraging Response Process Data to Support Testing Programs: Strategies and Real-world Examples	Using Artificial Intelligence for Constructed-Response Scoring: Some Practical Considerations	Topics in Item Response Theory	The Future of K-12 Assessment: Is there One?	Applications of Diagnostic Classification Models
<b>10:45a - 12:45p</b>	NCME Business Meeting						
<b>1:00p - 2:00p</b>	(Invited Session) Stakeholder Perspectives on Validating Licensure Examinations	(Research Blitz) Topics in Test Development	(Research Blitz) Techniques for Missing Data and Guessing Behavior	Topics in Multidimensional Item Response Theory	Involve me and I learn: Applying culturally responsive assessment practices to equitably measure learning of Indigenous students in North America	Graduate Student Electronic Board Session	Generalizability Theory Applications
<b>2:15p - 3:45p</b>	Leveraging Process Information in International Large-Scale Assessments: Recent Findings from PIAAC	(Invited Session) Assessments For Different Purposes: Issues on Scoring, Score Use, and Measurement	The Impact of COVID-19 on Educational Measurement, Part 1: K-12 Assessment	Developing an Alternate English Language Proficiency Assessment within a Principled Design Framework	Topics in Validity	Differential Item Functioning (DIF) Applications	Applications in Adaptive Testing
<b>4:00p - 5:30p</b>	(Invited Session) Pivoting in a Pandemic	Probabilistic Graphical Models for Writing Process Data	Mode Comparability in College Admissions Testing: In-depth Investigations and Methodological Considerations	An Assessment Development and Management (ADM) System for Educational Applications.	Multistage Testing with Multiple Subscales: An Investigation of Design and Analysis	Impact of Test Design and Features on Performance	Security Issues in Credentialing

**Conference Week: Friday June 11**

	<b>ROOM 1</b>	<b>ROOM 2</b>	<b>ROOM 3</b>	<b>ROOM 4</b>	<b>ROOM 5</b>	<b>ROOM 6</b>	<b>ROOM 7</b>
<b>9:00a - 10:30a</b>	Remembering "Career" in College and Career Readiness	Diving into NAEP Process Data to Understand Students' Test Taking Behaviors	(Invited Session) Lessons Learned from the Pandemic: How do credentialing programs prepare for the next major crisis/disruption?	Practical Issues in Automated Test Assembly	Recent Research on Detecting Disengaged Test Taking	Communicating results	The Impact of COVID-19 on Educational Measurement, Part 2: Admissions and Certification
<b>10:35a - 11:00a</b>	Coffee Chat: Future of K-12 Assessment	Coffee Chat: Fighting for Fairness - Where do we go next?	Coffee Chat: Opportunities with Response and Process Data	Coffee Chat: Going for Broke: Truly Equitable Assessments Require Disrupting the White Supremist Status Quo	Coffee Chat: Federal Peer Review: Opportunities and Challenges for Educational Measurement	Coffee Chat: Chat with NCME's newest Past President	Coffee Chat: Chill with a little Chat
<b>11:15a - 12:45p</b>	Developing a Longitudinal Assessment: Using Innovations and Research to Address Measurement Issues	Electronic Board Session #3	Identifying Rushing in CAT and Investigating the Effects on Differentiated Instruction	Designing and Evaluating Innovative Assessment Systems: Combining Research and Practice	The Value of and Values in Educational Assessment	PISA and TIMSS Topics	Adaptive Testing Topics
<b>1:00p - 2:00p</b>	(Invited Session) Looking ahead – Bridging future research and practice in credentialing	(Research Blitz) Focus on CDM and DCM	(Research Blitz) Item Response Theory Applications	(Research Blitz) Measurement of Transacademic Skills	(Invited Session) Where Do We Go from Here? A Practitioner's Discussion of Our Post-Pandemic World	Electronic Board Session #2	Going for Broke: Acknowledging and Disrupting the Barriers to Black Lives Mattering in Measurement
<b>2:15p - 3:45p</b>	(Invited Session) The Future of College Admissions Testing	Rosetta Stone or Tower of Babel? Debating methods for NAEP-linked aggregate scores	Impact of COVID-19 on Assessment	Applications of Process Data	The AERA/APA/NCME Standards: Is it time to revisit the policy of self-enforcement?	Fairness for All Examinees	Security issues in Education
<b>4:00p - 5:30p</b>	Exploring Scoring and Psychometric Modeling Strategies for Innovative Items	IRTree Models: The Illus-tree-ous and In-tree-guing Response Process Models	Innovations in Detection of Test Collusion	Moving Bookmark Standards Setting from In-Person to Virtual: Best Practices/Lessons Learned	$E \neq MC^2$ : Equity doesn't equal measurement calibration squared	Topics in Linking and Equating	Topics in Cognitive Diagnosis Modeling