

## Wednesday, 06 Nov

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9:00 - 16:30 Pre - Conference Workshops

### Workshop 1

Room: Athena (n=60)

- 9:00 Understanding and implementing the moderation of school based assessment for high-stakes examinations  
*Damian Murchan, Stuart Shaw, Evgenia Likhovtseva*

### Workshop 2

Room: Leda (n=60)

- 9:00 Optimising the construct validity of test items  
*Ezekiel Sweiry*

### Workshop 3

Room: Aphrodite A (n=50)

- 9:00 An Introduction to the Generalized Kernel Equating Framework with Applications in R  
*Jorge Gonzalez, Marie Wiberg, Alina von Davier*

### Workshop 4

Room: Aphrodite B (n=50)

- 9:00 Breaking barriers for all test-takers  
*Caroline Jongkamp, Helen Claydon, Thomais Rousoulioti, Renika-Irini Papakammenou*

### Workshop 5

Room: Christian Barnard (n=200)

- 9:00 Assess your assessment  
*Bas Hemker, Cor Sluifjter*

### Workshop 6

Room: Hermes (n=24)

- 9:00 Evaluating Impact in the Context of Educational Assessment  
*Brigita Seguis, Hanan Khalifa*

### Workshop 7

Room: Zeus (n=18)

- 9:00 Introduction to multilevel modelling using large-scale assessment data  
*Anastasios Karakolidis, Vasiliki Pitsia*

19:00 - 20:30 Welcome Reception for all participants

Location: Coral Beach Hotel & Resort

## Thursday, 07 Nov

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8:00 - 9:00 Registration

8:00 - 9:00 Meeting of SIG SC Chairs  
Room: Hermes (n=30)

9:00 - 9:45 Welcome Addresses  
Room: Akamas A&B (n=550)

Prof. Therese Hopfenbeck (President AEA-Europe)

Dr. Athena Michailidou, Ministry of Education, Sport and Youth

9:45 - 10:30 Keynote Speech  
Chair: Therese Hopfenbeck  
Room: Akamas A&B (n=550)

Dr. Yiasemina Karagiorgi, Head of Educational Research and Evaluation (CERE) of the Cyprus Ministry of Education and Culture

10:30 - 11:00 Coffee Break

Foyer outside Christian Barnard Room + outside terrace

Opportunity to visit SIG Banners

11:00 - 12:30 Open Paper Session I

### Artificial Intelligence I

Chair: Bas Hemker

Room: Akamas A&B (n=550)

11:00 Exploring the Potential of Artificial Intelligence on Educational Assessment: Insights from the Student and Educator Perspective

*Agni Stylianou Georgiou, Elena Papanastasiou*

11:30 A Norwegian case study of student teachers' perceptions and experiences of AI and AI-assisted feedback – mapping diverse users

*Siv Gamlem, Joshua McGrane, Synnøve Moltudal, Sundance Zhihong Sun, Christian Brandmo, Therese N Hopfenbeck*

12:00 The Use of Artificial Intelligence in Qualifications: Perspectives on Regulation

*Vasile Rotaru*

### Assessment that is reactive to unforeseen circumstances (e.g. Covid 19) I

Chair: Alex Scharaschkin

Room: Aphrodite A (n50)

11:00 The use of machine learning in predicting students' exam grades: a case study and discussion of ethical implications

*Georgie Billings*

- 12:00 Implementing Innovative Assessment Methods in the Teaching Practicum: Exploring the Insights of Examiners in Malta  
*Josephine Deguara, Josephine Milton*

### International Assessments I

Chair: Dario Pirotta

Room: Leda (n=60)

- 11:00 Improvement of contextual questionnaire scaling using machine learning to identify unusual responses  
*Tim Friedman, Dulce Lay*
- 11:30 Are student and parent reading attitudes and behaviours related? Evidence from PIRLS 2021 for Ireland  
*Vasiliki Pitsia, Sarah McAteer, Emer Delaney*
- 12:00 Do students respond inconsistently on mixed-worded scales in the PISA 2022 questionnaire? Evidence across six educational systems  
*Evi Konstantinidou, Militsa Ivanova, Michalis Michaelides*

### Higher Education & Assessment I

Chair: Grace Grima

Room: Akamas C (n=200)

- 11:00 Assessing Students' Legal Literacy in Higher Education Using Computer-based assessment  
*Ksenia Tarasova, Daniil Talov, Sergei Tarasov*
- 11:30 In Search of Assessor Identify during the Teaching Practicum: Insights from 'Conversations' between Teacher Educators and Student Teachers  
*Michael A. Buhagiar, Deborah A. Chetcuti*
- 12:00 Unraveling the Self-Feedback Process: Exploring the Black Box of Self-Assessment Through Multiple Studies  
*Ernesto Panadero, Javier Fernandez Ruiz, Leire Pinedo, Iván Sánchez*

### E-Assessment I

Chair: Andrew Boyle

Room: Athena (n=60)

- 11:00 Using assessment and response times data to evaluate a digital mock exams service  
*Carmen Vidal Rodeiro, Tim Gill, Sarah Hughes*
- 11:30 Going digital? The impact of shifting the mode of high-stakes assessments in England on students  
*Yasmine El Masri, Jo Handford, Harvey Dodds*
- 12:00 On-screen high-stakes assessments: Lessons learned from other jurisdictions  
*Yasmine El Masri, Jo Handford, Harvey Dodds*

### Assessment Cultures I

Chair: Emma Walland

Room: Zeus (n=30)

- 11:00 Policy and practice in relation to external moderation of School-based Assessment in 13 education systems internationally  
*Damian Murchan, Stuart Shaw, Evgenia Likhovtseva*
- 11:30 Teacher Critical Consciousness in Educational Assessment: Why is it important and how can we develop it?  
*Catarina Correia*
- 12:00 Understanding progression and assessment in the context of the new Curriculum for Wales  
*Estelia Borquez - Sanchez, Kara Makara - Fuller, Lesley Wiseman - Orr, Fiona Patrick*

### Formative Assessment I

Chair: Doreen Said Pace

Room: Christian Barnard (n=200)

- 11:00 Dialogues on learning and assessment (DOLA): Attitudes and tensions in assessment practices – in the way for learning and motivation?  
*Kathinka Blichfeldt, Kaja Haaland, Ingrid Jacobsen*
- 11:30 What supports high-quality approaches to assessment? Predicting student teachers' competence in educational assessment by personality, motivation, and attitudes  
*Christoph Schneider, Christopher DeLuca, Lothar Müller, Andrew Coombs*
- 12:00 Connections between teachers' and students' understandings of continuous and final assessment  
*Egil Weider Hartberg, Kari Kolbjørnsen Bjerke, Kjell Evensen, Trude Slemmen Wille, Terje Engh Wiig*

### Assesment of Practical Skills I

Chair: Sebastiaan de Klerk

Room: Aphrodite B (n=50)

- 11:00 Perception and impact of the appraisal process on teachers' professional development: a case study from Kazakhstan  
*Nurym Shora, Venera Mussarova, Saule Vildanova, Baurzhan Yessingeldinov*
- 11:30 How much data to feed to a neural network for autoscoring?  
*Anastasiia Beliaeva, Elen Abdurakhmanova, Daniil Talov*
- 12:00 Cross-institutional Clinical Skills Assessment Quality Assurance in Europe, a mutual assessment strategy; are we equipped for it?  
*Thomas Kropmans, Eirik Søfteland, Magnus Hultin, Rosemary Geoghegan, Angela Marie Kubacki*

### Comparative Judgement I

Chair: Tom Bramley

Room: Hermes (n=30)

- 11:00 A new Comparative Judgement (CJ) approach: Exploring the potential of criteria-based CJ  
*Nicky Rushton, Victoria Crisp*
- 11:30 Evaluation of markers' performance involved in the process of marking written works on open ended items in high-stakes examinations.  
*Ali Mahmudov, Sarkhan Guliyev, Fuad Ahmadov, Elmir Shirinov*
- 12:00 The future of assessment with natural data capture  
*Kemran Mestan*

### 12:30 - 13:30 Lunch

Armonia Restaurant

### 13:30 - 15:00 Discussion Groups

#### Discussion Group 1

Room: Akamas C (n=200)

- 13:30 Is artificial intelligence considered a helpful ally or a potential antagonist in the field of assessment research?  
*Dan-Anders Normann, Julie Leonardsen, Gabriel Cipriano, Estelia Borquez Sanchez, Shakeh Manassian*

#### Discussion Group 2

Room: Leda (n=60)

- 13:30 There is clear evidence of inflation in assessment outcomes in many contexts and countries over the past 20 years: Does this matter?  
*Isabel Nisbet, Mary Richardson, Stuart Shaw, Lesley Wiseman*

#### Discussion Group 3

Room: Athena (n=60)

- 13:30 Building holistic systems for educational improvement: From curriculum to pedagogy to assessment principles  
*Irenka Suto, Carolyn Hutchinson, Tim Oates, Gulbakhyt Sultanova, Stuart Shaw*

Discussion Group 4

Room: Aphrodite (n=50)

- 13:30 One size doesn't fit all: How to consider the equity and fairness of access arrangements as we move to digital modes of delivery  
*Emma Crampton, Ellen Barrow, Irene Custodio, Meredith Reeve*

Discussion Group 5

Room: Zeus (n=30)

- 13:30 Crossing the line: Where did the digital assessment revolution go?  
*Rebecca Hamer, Caroline Jongkamp, Rebecca Chivers*

Discussion Group 6

Room: Christian Barnard (n=200)

- 13:30 The assessment impact of AI and how to justify the budget  
*Helen Claydon, Ben Stafford*

13:30 - 15:30 **Poster Session I - 90 second pitches - Presenters commit to stand at posters during Coffee Break**

Chair: Cor Sluijter

Room: Akamas A &amp; B (n=550)

Reduced grading in upper secondary school: Exploring students' perceptions  
*Dan-Anders Normann, Lise Vikan Sandvik, Oddveig Storstad*

Let's Chat! Integrating ChatGPT in student assignments to enhance critical analysis  
*Chloe Antoniou, Danagra G Ikossi*

To love or to loathe? Teacher enthusiasm for data use in schools  
*Christopher Vincent, Katy Finch*

Leveraging Anomaly Detection for Exam Session Monitoring  
*Mkululi Wami, Antony Furlong*

Beyond pen and paper: correcting handwriting recognition in subject-specific contexts  
*Victoria Tassie*

Exploring Novel Assessment Modalities: The Assessment of Emotional Intelligence within Collaborative Problem-Solving Environments  
*Deirdre Dennehy, Deirdre Dennehy*

Exploring the relationships between Extramural English and English Reading Comprehension among 2023 SweSAT test-takers  
*Teodora Neagu*

The peculiar predictive power of mathematics assessments  
*Andrew Lyth*

Onscreen Functional Skills: Insights from a decade of delivery of English and mathematics assessments  
*Hayley Dalton, Jagdeep Kaur*

Assessing student mastery levels in tracked education using diagnostic classification models  
*Lientje Maas*

The Opportunities of Natural Language Processing for Assessing Essays with Comparative Judgment  
*Michiel De Vrindt, Anaïs Tack, Renske Bouwer, Marije Lesterhuis, Wim Van Den Noortgate*

E-assessment of Children's Social Skills  
*Anne-Mai Meesak, Astra Schults*

Student participation in developing formative assessment  
*Monique Dijks*

Challenged by generative AI, assessment practices in upper secondary in Norway: Networking professional assessment competence in the age of algorithms  
*Mari Bjørnsdotter Vinjar, Thomas Fjeldvik Peterson, Øystein Gilje*

Participatory research in exploring more fair and just assessment in higher education: How assessment can be developed to more equitable learning for students with disabilities  
*Karina Dyliaeva*

Stepping stones towards explainable AI marking: extracting keywords and phrases  
*Alex Dunhill*

Enhancing the user experience of Digital Exams: A User-Centric Approach  
*Mohammad Abbas Abadi*

Examining the Effects of Artificial Intelligence on Secondary school Students' Mathematics Achievement: A Meta-Analysis  
*Bakyt Alzhanova*

An experiment into identifying generous and harsh markers using single marked items  
*Alun Evans, Darren Johns*

Assessment Literacy Enhancement of teachers of less commonly taught languages in COVID-19  
*Thomas Rousoulioti, Dina Tsagari*

Exploring multiple summative assessment types for teacher professional development  
*Berit Haug, Sonja Mork*

Fostering & Assessing Computational Thinking – Development of a High-Stakes Digital Examination  
*Abdullah Khan*

## 15:00 - 15:30 Coffee Break

Foyer outside Christian Barnard Room + outside terrace

Opportunity to visit SIG Banners

## 15:30 - 17:00 Open Paper Session II

### Artificial Intelligence II

Chair: Rebecca Hamer

Room: Akamas A & B (n=550)

15:30 Maintaining fairness in high-stakes examination marking with AI language models  
*Alex Dunhill*

16:00 Using Artificial Intelligence for the Quality Assurance of Examiner Marking  
*Darren Johns*

16:30 Can AI write my deepest thoughts?  
*Lucianne Zammit, Joseph Giordmaina*

### Fairness & Social Justice I

Chair: Deborah Chetcuti

Room: Zeus (n=30)

15:30 Mode effects in TIMSS 2019: Comparability and fairness issues  
*Erika Majoros*

16:00 When is it fair to be generous? New qualifications, standard setting and the sawtooth effect  
*Tim Stratton*

16:30 Reforming the reading personalised assessments in Wales  
*Matthew Turner, Ben Tylden-Smith, Andrew Boyle, Sefa Sahin*

### Assessment Cultures II

Chair: Andrew Watts

Room: Christian Barnard (n=200)

15:30 Conceptualisation of assessment in education policy documents – school leaders' room for action  
*Jorunn Spord Borgen, Tine Prøitz*

- 16:00 Assessment of Oracy at high-stakes national exams in upper-secondary schools across disciplines and assessment cultures  
*Anne-Grete Kaldahl, Ove Edvard Hatlevik*
- 16:30 Educational assessment a quarter of a century on: lessons learned and the path ahead.  
*Isabel Nisbet, Stuart Shaw*

### Assessment of Practical Skills II

Chair: Tim Oates

Room: Hermes (n=30)

- 15:30 Teachers' assessment competence: an evidence from evaluation of summative testing tools  
*Marta Mikite, Girts Burgmanis, Inese Dudareva, Dace Namsone*
- 16:00 Exploring Novel Assessment Modalities: The Assessment of Emotional Intelligence within Collaborative Problem-Solving Environments  
*Deirdre Dennehy, Deirdre Dennehy*
- 16:30 Improving students' writing skills through assessment criteria by means of podcasting  
*Madina Yeskeldi, Nurdana Orazbayeva*

### Assessment that is reactive to unforeseen circumstances (e.g. Covid 19) II

Chair: Dina Tsagari

Room: Athena (n=60)

- 15:30 Influences on the Perceived Significance of Classroom Assessment Dilemmas  
*Christopher DeLuca, Andrew Coombs, Danielle LaPointe-McEwan, Nathan Rickey, Michael Holden*
- 16:00 Progression to post-16 qualifications in England before and after Covid: analysing the diversity of the cohort to inform policy development  
*Kate Sully, Nadir Zanini*
- 16:30 Formative graded assessments for gifted students at talent centers in Norway  
*Tony Burner, Bodil Svendsen*

### E-Assessment II

Chair: Helen Claydon

Room: Akamas C (n=200)

- 15:30 The Feasibility of Dual On-screen & Paper Provision for Maths Multiple Choice Tests  
*Clair Rawlingson*
- 16:00 Evaluating the value of AI assisted auto-marking in Cambridge's Implementation of the Digital Mocks Service  
*Jesse Dvorchak, Sanjay Mistry, Tom Sutch*
- 16:30 Spotting Hidden Patterns in Language: A Window into Proficiency?  
*Ana Ulicheva, Sumita Ishaque, Rose Clesham, Ellen Barrow*

### Psychometrics and Test Development I

Chair: Cor Sluijter

Room: Leda (n=60)

- 15:30 Equitable Digital Vocabulary Assessment: What Item Formats do We Need to Build a Fair Vocabulary Test?  
*Per Henning Uppstad, Bente Rigmor Walgermo, Njål Foldnes*
- 16:00 DIF items effect on the equating transformation depending on different equating methods and different evaluation criteria  
*Marie Wiberg, Inga Laukaityte*
- 16:30 The Impact of Non-Cognitive Skills on Academic Achievement: Insights from STEM Secondary Schools in Kazakhstan  
*Gulbakhyt Sultanova, Nurym Shora*

National Tests & Examinations I

Chair: Jannette Elwood

Room: Aphrodite A (n50)

- 15:30 Is there any evidence of the saw-tooth effect impacting on learner performance where assessments are more skills & vocationally based? Analysing outcomes data overtime across a range of qualifications/assessments  
*Rebecca Bagguley, Jagdeep Kaur, Blake Ashworth*
- 16:00 Where to Draw the Line? - The Limits of Technological Adoption in Assessment  
*Dario Pirota, Francois Zammit, Malcolm Micallef, Analise Grixti, John Muscat*

Higher Education & Assessment II

Chair: Damian Murchan

Room: Aphrodite B (n=50)

- 15:30 Machine Learning Modelling: Prediction of Mathematics GCSE 2023 results using 2022 Mock exam outcomes  
*Dr Sebastian Nastuta*
- 16:00 An Innovative Method of Assessing the Dimensions of Critical Thinking in an Integrated Way  
*Sundance Zhihong Sun*

17:00 - 17:45 General Assembly  
Room: Akamas A & B (n=550)

17:00 - 17:45 PhD Students  
Room: Odyssey Bar

18:30 - 20:30 Event for AEA-Europe Fellows, Practitioners & PhD students

Location: Casa Mespilea



## Friday, 08 Nov

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8:30 - 9:00 Registration

9:00 - 10:30 Open Paper Session III

### Artificial Intelligence III

Chair: Stuart Shaw

Room: Akamas C (n=200)

- 9:00 Assessing higher order speaking skills using AI and human judgement: How far can we go?  
*Rose Clesham, Sarah Hughes*
- 9:30 Generative AI and Scottish Assessment: Insights from Educational Practitioners  
*Jamie Lawson, Maggie Mroczkowski*
- 10:00 Unlocking Academic Potential: Harnessing Artificial Intelligence as a Teaching Assistant to Dynamically Assess Student Exercises in Higher Education  
*Nikieia Eteokleous, Raphaela Neophytou, Theodora Patsalidou*

### Perspectives of End-users and the General Public on Assessment I

Chair: Paul Newton

Room: Zeus (n=30)

- 9:00 Gaining insights and understanding: School and student perspectives of taking onscreen high-stakes assessments  
*Ellen Barrow, Irene Custodio, Meredith Reeve*
- 9:30 Assessment Dysmorphia: the shifting shape of learner achievement  
*Mary Richardson*
- 10:00 Preparing classrooms for digital exams: understanding the current experiences of teachers and students in England  
*Phoebe SurrIDGE, Faye Walker, Katy Finch*

### National Tests & Examinations II

Chair: Guri A. Nortvedt

Room: Christian Barnard (n=200)

- 9:00 Exploring detection for AI malpractice and the future of assessment in the AI age  
*Tony Leech, Frank Morley, Emily de Groot*
- 9:30 Exploring the comparability of paper-based and computer-based assessment in GCSE Italian and GCSE Polish: a case study  
*Handan Lu, Yaw Bimpeh*
- 10:00 National monitoring for Wales: Squaring the circle to balance validity, reliability and manageability in assessment design in the context of an evolving, process-oriented curriculum.  
*Gemma O'Brien, Ben Rockcliffe, Andrew Boyle, Ben Tylden-Smith, Dave Mellor, Hayley Limmer*

### Assessment Cultures III

Chair: Christoph Schneider

Room: Athena (n=60)

- 9:00 Developing formative assessment cultures and practices in Schools of Music and Performing Arts through e-learning  
*Vegard Meland, Julianne Hauge*
- 9:30 Students as decision-makers in assessment design for national systems: lessons from research  
*Jannette Elwood, Kay Livingston*

Inclusive Assessment

Chair: Irenka Suto

Room: Aphrodite A (n=50)

- 9:00 Examining Assessment from an Inclusive Lens: Challenges and Prospects in a Technological Era  
*Charalambos Charalambous, Simoni Symeonidou*
- 9:30 The relationship between homework, digital resource and performance in PISA 2022  
*Stuart Cadwallader, Jamie Stiff, Jenni Ingram*
- 10:00 Assistive Technology in National Examinations – The Maltese Experience  
*Edward Mazzacano D'Amato, Dario Pirota, Ramona Vella Vidal*

Formative Assessment II

Chair: Michael Buhagiar

Room: Aphrodite B (n=50)

- 9:00 The impact of formative assessment on students' reading literacy development  
*Adel Baigarayeva, Saya Zhagparova, Ardak Dyussenbayeva, Saltanat Zhumabayeva, Anar Tanirbergenova*
- 9:30 AI powered adaptive formative assessment: Validity and reliability Evaluation  
*Yaw Bimpeh*

e-Assessment III

Chair: Matthew Glanville

Room: Leda (n=60)

- 9:30 Clustering Analysis of Cognitive Processes in Mathematics: Insights from eTIMSS PSI Process Data  
*Gaël RAFFY, Adrien Fernandez, Franck SALLES, Aurélie LACROIX, David EL RAIS*
- 10:00 Exploring the relationship between students' use of digital technologies and their performance in digital PISA 2022 mathematics assessments  
*Irene Custodio, Liyuan Liu, Sebastian Nastuta, Grace Grima*

Fairness & Social Justice II

Chair: Isabel Nisbet

Room: Hermes (n=30)

- 9:00 Ethical Considerations for Assessment in the Era of Generative AI  
*Loretta Goff*
- 9:30 Why do returning drop-out students in second-chance middle school programs in disadvantaged schools perform better in Uruguayan national standardized tests than general education returnees?  
*Maria Seijas, Gimena Castelao, Jennifer Vinas-Forcade*
- 10:00 Standardized Testing and Social Equity: An Evaluation of Recent Changes in Chile's University Admissions  
*David Torres Iribarra, María Verónica Santelices*

9:00 - 11:00 **Poster Session II - 90 second pitches - Presenters commit to stand at posters during Coffee Break**

Chair: Cor Sluijter

Room: Akamas A &amp; B (n=550)

Applying a cognitive model of inference to an existing assessment of reading comprehension  
*Joanne Kiniry*

Effect of an Analogy-Based Approach of Artificial Intelligence Pedagogy in Secondary school  
*Bakyt Alzhanova*

Teachers' perceptions about self-assessment: Value and functionality in language education  
*ANTONIOS VENTOURIS, DIMITRA TSALTA, OLYMPIA BLATSIOTI, Thomais Rousoulioti*

The perceived difference between computer-based and paper-delivered IELTS in Kazakhstan.  
*Aliya Khasseneyeva*

Framework for externally quality assuring qualifications that are locally relevant, regionally impactful and internationally competitive.

*Brent Abrahams, Mia Andersen, Sarah Howie*

Opportunities and Challenges of Externally Quality Assuring Africa's First International School-Leaving Assessment

*Mia Andersen, Brent Abrahams, Sarah Howie*

Improving 8 grade students assessment and speaking skills through asynchronous video making.

*Gaukhar Sarsenbayeva, Ainaz Shadkam, Zukhra Utesheva*

Predicting Qualification Outcomes from Early Exams

*Richard Harris*

Exploring Teachers' Views on AI's Role in Assessment in Upper Secondary Schools

*Harald Eriksen*

Does the use of ChatGPT in online higher education facilitate learning? A study on students' acceptance and the role of instructor support in technology use

*Ioulia Televantou, Ioanna Vekiri, James Mackay, Yianna Danidou, Loucas Louca, Marios Vryonides, Louiza Voniati, Christos Kypri*

Exploring the Nexus of AI in English Language Classroom-Based Assessment: Implications and Ethical Considerations

*Dina Tsagari*

The challenge of understanding teacher assessment literacy

*Hannah Rowe*

Developing AI literacy in Higher Education through structured assessment practices: Outcomes from a repeated measures design

*Evdokia Pittas, Marina Rodosthenous-Balafa, Elena C. Papanastasiou*

Validation of the Greek Version of the Student Survey of Motivational Attitudes toward Data Science (S-SOMADS)

*Ioulia Televantou, Maria Meletiou, Yianna Danidou*

HP-FOREG: an infrastructure for assessment researchers

*Christina Wikstrom, Per-Erik Lyrén, Inga Laukaityte, Hanna Eklöf*

New digital mapping tests for young students – our experiences

*Oksana Kovpanets, Eren Sübül, Henrik Hung Haram, Guri A. Nortvedt, Andreas Pettersen*

## 10:30 - 11:00 Coffee Break

Foyer outside Christian Barnard Room + outside terrace

Opportunity to visit SIG Banners

## 11:00 - 12:00 Open Paper Session IV

### Other I

Chair: Claudine Muscat

Room: Leda (n=60)

11:00 Educational Certification Theory

*Paul Newton*

11:30 Do naturally curious people score better at high-stake university entrance exams?

*Roman Lyach, Matus Kurian, Adam Lalák, Karolina Letochová, Klára Richterová, Ondřej Šteffl*

### Other II

Chair: Amina Aff

Room: Hermes (n=30)

11:00 Exploring how technology could mitigate errors in assessment materials

*Lucy Howarth, David West*

- 11:30 Examination of Gender-Related Differential Item Functioning in University Admission Process in the Czech Republic  
*Lenka Firtova*

### Other III

Chair: Dan-Anders Normann

Room: Aphrodite B (n=50)

- 11:00 Have writing skills been left behind? Understanding current practice in teaching Writing in schools in England and discussing implications for assessment.  
*Alistair Hooper, Grace Grima*

- 11:30 Using data to improve the reliability of internally moderated vocational assessments  
*Richard Harris*

### Process Data I

Chair: Gulbakhyt Sultanova

Room: Christian Barnard (n=200)

- 11:00 Purifying the ability from external variables.  
*Daniil Talov, Denis Federiakin*
- 11:30 Prompting ChatGPT for help with crunching and analysing large data  
*Gilbert John Zahra, Ramon Grech, Gian Paul Gauci*

### Summative Assessment

Chair: Catarina Correia

Room: Zeus (n=30)

- 11:00 Exploring the Practicality of Adaptive Comparative Judgment as a Summative Assessment Method in Legal Education  
*Kjetil Egelandstad, Eva Hartell, Jan-Ove Færstad*
- 11:30 Examination in the professional sector: towards the use of Linear On the Fly Testing  
*Angela Verschoor*

### E-Assessment IV

Chair: Graham Hudson

Room: Athena (n=60)

- 11:00 Using Process Data in Creative Thinking Assessment  
*Sergei Tarasov*
- 11:30 Digitalising examinations: developing qualifications policy to enhance the validity, engagement and inclusivity of assessments in GCSE qualifications in Wales  
*Dean Seabrook, Cassy Taylor*

### National Tests & Examinations III

Chair: Carolyn Hutchinson

Room: Aphrodite A (n=50)

- 11:00 "Trust, but verify": Perspectives of test-takers on validity and trust in a university entrance examination  
*Pok Jing (Jane) Ho*
- 11:30 Examiners' assessment feedback and announcement of grades to students after summative oral exams  
*Marte Søve Syverud*

12:00 - 12:45 Keynote Speech  
Chair: Damian Murchan  
Room: Akamas A & B (n=550)

Associate Prof. Joshua McGrane: University of Melbourne

12:45 - 13:45 Lunch

Armonia Restaurant

13:45 - 15:15 Open Paper Session V

### Artificial Intelligence IV

Chair: Beth Black

Room: Akamas C (n=200)

- 13:45 Embedding digitally-mediated formative assessment in the teaching and learning of chemistry: Lessons from International Schools in China.  
*Xiaohui Yang, Damian Murchan*
- 14:15 Exploring the Potential and Pedagogical Implications of Pre-instructed AI ChatBots in ESL classrooms.  
*Øystein Gilje, Nina Eriksdatter, Trond Ingebretsen*
- 14:45 "I used to know but I'm not sure now – what was I made for?" Teachers' concerns about the use of artificial intelligence in classroom assessment.  
*Gabriel Cipriano, Isabel Alexandre, Susana da Cruz Martins*

### Psychometrics and Test Development II

Chair: Rose Clesham

Room: Athena (n=60)

- 13:45 Beyond agreement: Expanding validity evidence for automated essay scoring using contrastive explanation  
*Sarah R. Hughes*
- 14:15 Population ability estimation and confidence of ability shifts  
*Annemarie Timmers, Marieke Van Onna*
- 14:45 Clustering Subjects Based on Resit Score Improvement  
*Heleen de Lange, Marieke Van Onna, Bregtje Seton*

### Test Development I

Chair: Christina Wilkstrom

Room: Leda (n=60)

- 13:45 Adapting Innovative Approaches to Enhance Creative Thinking Assessment  
*Jonathan Heard, Claire Scoular*
- 14:15 The impact of mode of assessment on examinee cognitive processes  
*Ezekiel Sweiry*
- 14:45 What kind of contextualisation is appropriate for assessing application of knowledge? Towards a more comprehensive framework for embedding examination questions in context  
*Filjo Constantinou*

### E-Assessment V

Chair: Mary Richardson

Room: Zeus (n=30)

- 13:45 Establishing modal effect in high stakes assessments: Findings and recommendations for data collection and methodology based on a trial of paper vs onscreen assessment of GCSE English  
*Kevin Mason, Sebastian Nastuta*
- 14:15 Functional Skills Qualifications: Investigating shifts in demand for onscreen and on-demand maths and English assessments in England after over a decade of delivery.  
*Hayley Dalton, Jagdeep Kaur*
- 14:45 The Power of Situational Interest in Classroom Reading Assessment - reciprocal relations of interest, self-efficacy, and skill  
*Bente Walgermo, Per Henning Upstada, Njal Foldnes*

National Tests & Examinations IV

Chair: Louise Badham

Room: Aphrodite A (n=50)

- 13:45 Exploring the stability of VA-estimates for school accountability systems using a simulation approach  
*Tom Van Ransbeeck, Koen Aesaert, George Leckie, Wim Van Den Noortgate*
- 14:15 Engaging teachers with how standards are set in high stakes summative assessments: The case of Welsh GCSEs.  
*Stuart Cadwallader, Michelle Meadows*
- 14:45 Moderation - exploration of methodology for setting tolerances for general qualifications in England.  
*Blake Ashworth*

Process Data II

Chair: Irene Custodio

Room: Christian Barnard (n=200)

- 14:15 What can process data tell us about students' persistence? Evidence from the e-TIMSS 2019 assessment  
*Elena Papanastasiou, Evi Konstantinidou, Katerina Gkolia*
- 14:45 From assessment of learning outcomes to assessment and support of learning processes: The role of process data in assessing and enhancing self-regulated learning  
*Suijing Yang, Fabienne van der Kleij*

International Assessments II

Chair: Therese Hopfenbeck

Room: Aphrodite B (n=50)

- 13:45 The impact of open book exams on high school teaching and exam preparation after one year  
*Rebecca Chivers, Vanessa Scherman, Rebecca Hamer*
- 14:15 PISA 2025 Foreign Language Assessment: The framework and science behind the test  
*Angeliki Salamoura, Catalina Covacevich, Martin Robinson*

**15:15 - 15:45 Coffee Break**

Foyer outside Christian Barnard Room + outside terrace

Opportunity to visit SIG Banners

**15:45 - 17:15 Ignite & Symposium Session**Ignite Session

Chair: Stuart Shaw

Room: Akamas A &amp; B (n=550)

Stability in learning through Covid-19? Perspectives from the Irish National Assessments of Mathematics and English Reading (NAMER) 2021.  
*Joanne Kiniry*

National Monitoring Tests in International Contexts  
*Anna Greene*

SARI: A New System for Automatic Reviewing of Multiple-choice Items  
Séverin Lions, *Pablo Dartnell*, Abelino Jiménez, Matías Altamirano, Danner Schlotterbeck, Diego Reyes, Christian Collado, Laura Leal

Generating personalised feedback through low-stakes formative assessment  
*Maria Pereira, Manuel Gomes, Ana Monteiro*

Closing in on motivating computerized assessment: depicting the contours of the next generation of adaptive reading tests  
*Per Henning Uppstad, Bente Rigmor Walgermo*

## Symposium: Elevating Student Agency in Assessment and Feedback in the AI Era

Chair: Fabienne van der Kleij - Discussant: Therese Hopfenbeck

Room: Akamas C (n=200)

- 15:45 Use of Technology, Artificial Intelligence, and Process Data to Unlock Student-centred Assessment Feedback Practices at Scale  
*Fabienne van der Kleij, A Therese N Hopfenbeck*
- 16:15 Oral Assessment and Student Agency in the Dialogic Space: How can AI Enhance Validity?  
*Ayesha Ahmed, Chris Deneen*
- 16:45 Exploring the AI-Education Nexus: A Scoping Review  
*Anastasiya Lipnevich, A Therese N Hopfenbeck, Christopher DeLuca, Carmen Florentin*

## Symposium: Human connections for assessment in a technological age?

Chair: Lesley Wiseman - Discussant: Isabel Nisbet

Room: Christian Barnard (n=200)

- 15:45 Developing multimodal assessment practices in technology-rich classrooms  
*Henning Fjørtoft, Øystein Gilje*
- 16:15 Preserving what is best in the role of the teacher  
*Andrew Watts*
- 16:45 An ecosystemic research methodology: how to build an assessment culture which fosters creativity and empowerment?  
*Nathalie Younès*

19:30 - 23:00 Conference Dinner

Location: Thalassa Hotel

## Saturday, 09 Nov

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9:00 - 9:45 Keynote Speech  
Chair: Therese Hopfenbeck  
Room: Christian Barnard Room

Prof. Chris DeLuca, Faculty of Education, Queen's University, Canada

9:45 - 11:15 Open Paper Session VI

### Artificial Intelligence V

Chair: Rolf Vegar Olsen  
Room: Hermes (n=30)

9:45 Marking AI generated student work – how good is it and can humans tell?  
*Rebecca Hamer*

10:15 Marking as a linguistic endeavour: Large language models and educational measurement  
*Alex Scharaschkin*

10:45 Personalized Adaptive, Dynamic and Formative Assessment in Methods and Statistics Education  
*Wilco Emons*

### National Tests & Examinations V

Chair: Nicky Rushton  
Room: Leda (n=60)

9:45 The new attainment test regime for last year primary education and the nationwide grading standard in the Netherlands.  
*Stefan Jansen, Natacha Borgers*

10:15 School leaders' experiences from supporting primary school teachers' use of a national level, digital mapping test for numeracy  
*Guri A. Nortvedt, Henrik Hung Haram, Oksana Kovpanets, Andreas Pettersen, Eren Sübül*

10:45 Linking Norwegian national tests with concurrent calibration using DIF analysis  
*Ga Young Yoon, Anja Aigeltinger, Maoxin ZHANG*

### Process Data III

Chair: Michalis Michaelides  
Room: Plato (n=20)

9:45 One way or another: alternative approaches to standard setting  
*Lauren Miller, Ana Ulicheva, Sumita Ishaque*

10:15 Illuminating Self-Assessment Cognition via Joint Display Integration of Multimodal Data  
*Nathan Rickey, Ernesto Panadero, Christopher DeLuca*

### Assessment of Practical Skills III

Chair: Ayesha Ahmed  
Room: Aphrodite A (n=50)

9:45 Comparing OSCE Performance in Medical Students Trained Online Versus Face-to-Face During the COVID-19 Era  
*Nicoletta Nicolaou, Panayiota Andreou, Maria Perdikogianni, Alexia Papageorgiou*

10:15 Learning outcomes as the mechanism of personalisation in CASLO qualifications: where are the limits?  
*Latoya Clarke, Milja Curcin, Asteria Brylka, Paul Newton*



- 10:45 From Words to Wins: Refining our understanding of communication ability  
*Sumita Ishaque, Ana Ulicheva, Rose Clesham*

### E-Assessment VI

Chair: Ben Stafford

Room: Christian Barnard (n=200)

- 9:45 Designing a digital numeracy assessment for the 21st century  
*Jeanne Marie Ryan, Hannah Rowe*
- 10:15 Accessibility and the use of diagrams in onscreen mathematics and science assessments for young learners  
*Brooke Wyatt, Rebecca Conway*

### Psychometrics & Test Development III

Chair: Angela Verschoor

Room: Athena (n=60)

- 9:45 Investigating the Comparability of Scenario-Based Equivalent Forms using Process Data: The Case of Digital Literacy Assessment  
*Daria Gracheva, Ksenia Tarasova*
- 10:15 Causes of local item dependence in the SweSAT  
*Per-Erik Lyrén, Inga Laukaityte, Christina Wikström*
- 10:45 Combining multiple equating information sources  
*Marieke Van Onna, Silvia Rietdijk*

### Other IV

Room: Zeus (n=30)

- 9:45 Introducing a New Self-Report Scale Format: Explicit Continuum Scale  
*Inna Antipkina*
- 10:15 Exploring Raters' Co-construction of Teacher Discourse Test Materials  
*Odette Vassallo, Daniel Xerri*
- 10:45 The performance of transformer-based auto-markers on science content: a scoping review  
*Frank Morley, Emma Walland, Carmen Vidal Rodeiro*

### Technical, Vocational & Applied Assessments

Chair: Yasmine El Masri

Room: Aphrodite B (n=50)

- 9:45 Assessing problem solving in Functional Skills Qualification Mathematics in England  
*Diana Tonin, Becky Foster, Eve Taylor*
- 10:15 Equating Functional Skills exams using Item Response Theory  
*Zeeshan Rahman, Bas Hemker, Wobbe Zijlstra*
- 10:45 Assessing behaviours in apprenticeship End-Point Assessments in England  
*Fiona Leahy, Stephen Holmes, Nathan Pearson*

### 11:15 - 11:45 Coffee Break

Foyer outside Christian Barnard Room + outside terrace

Opportunity to visit SIG Banners

### 11:45 - 12:30 Keynote Speech

Chair: Elena Papanastasiou  
Room: Christian Barnard

KTNRA Winner - Dr. Heather Kayton, University of Oxford, England

Evaluating the validity and comparability of PIRLS 2016 in South Africa

12:30 - 13:00 Closing Ceremony including Poster Award & Accreditation Awards  
2025 Presentation  
Chair: Elena Papanastasiou  
Room: Christian Barnard

13:00 - 14:00 Lunch

Armonia Restaurant