

**AIED 2024 Program_ NEES's
WORKS (Recife, Brazil).**

TITLE	DATE	SPACE
<p>Prediction of essay cohesion in Portuguese based on item response theory in machine learning Bruno Alexandre, Hilário Oliveira and Rafael Ferreira Mello</p>	<p>8th Monday 14:00 - 18:00</p>	<p>(CESAR School) Doctoral Consortium Room D</p>
<p>Predicting the structural parts of the plot on elementary school written essays Erverson Sousa and Rafael Mello</p>		
<p>An Augmented Intelligence Framework as an Enabler of Digital Transformation and Innovation in the Pedagogical Evaluation of the Brazilian National Textbook Program (PNLD) Luciane de Fatima Silva, Andre Araujo and Rafael Araujo</p>		
<p>Anticipating Student Abandonment and Failure: Predictive Models in High School Settings Emanuel Queiroga, Daniel Santana, Marcelo Pessoa da Silva, Martim Ancona de Aguiar, Vinicius Oliveira dos Santos, Rafael Ferreira Mello, Igbert Bittencourt Santana Pinto and Cristian Cechinel</p>	<p>9th Tuesday 14:30 - 16:00,</p>	<p>(Grand Mercure Hotel) Technical Session 5: Predicting drop out Panorâmica B</p>
<p>Exploring the Impact of Gender Stereotypes on Motivation, Flow State, and Learning Performance in a Gamified Tutoring System. Kelly Silva, Jário Santos, Geiser Challco, Marcelo Reis, Leonardo Marques, Alan Silva, Álvaro Sobrinho, Diego Dermeval, Rafael Mello, Ig Bittencourt and Seiji Isotani</p>	<p>9th Tuesday, 18:00 - 19:00</p>	<p>Poster session Catamarã Restaurant</p>

<p>An Optimization Approach for Elementary School Handwritten Mathematical Expression Recognition Sergio Chevtchenko, Ruan Carvalho, Luiz Rodrigues, Daniel Rosa, Filipe Cordeiro, Everton Souza, Cicero Pereira, Thales Vieira, Marcelo Marinho, Diego Matos, Ig Ibert Bittencourt, Seiji Isotani and Valmir Macario</p>	<p>9th Tuesday, 18:00 - 19:00</p>	<p>Poster session Catamarã Restaurant</p>
<p>Handwritten Equation Detection in Disconnected, Low-cost Mobile Devices Everton Souza, Ermesson Lima Santos, Luiz Rodrigues, Daniel Rosa, Filipe Cordeiro, Cicero Pereira, Sergio Chevtchenko, Ruan Carvalho, Thales Vieira, Marcelo Marinho, Diego Matos, Ig Ibert Bittencourt, Seiji Isotani and Valmir Macario</p>		
<p>MOOCRev*: A Large-scale Data Repository for Course Reviews Mohammad Alshehri, Fahd Alfarsi, Ahmed Alamri, Laila Al-Rajhi, Saman Rizvi, Filipe Dwan Pereira, Seiji Isotani and Alexandra Cristea</p>		
<p>Unhappiness and Demotivation Among Students In Gamified Tutoring Systems: Toward Understanding the Gender. Kamila Benevides, Jário Santos, Geiser Chalco Chalco, Marcelo Reis, Álvaro Sobrinho, Ig Bittencout, Leonardo Marques, Diego Dermeval, Rafael Mello, Alan Silva and Seiji</p>		
<p>Can VLM Understand Children's Handwriting? An Analysis on Handwritten Mathematical Equation Recognition Cleon Pereira Júnior, Luiz Rodrigues, Newarney Costa, Valmir Macario Filho and Rafael Mello</p>		
<p>Enhancing Algorithmic Fairness in Student Performance Prediction through Unbiased and Equitable Machine Learning Models Luciano Cabral, Filipe Dwan Pereira and Rafael Ferreira Mello</p>	<p>9th Tuesday, 18:00 - 19:00</p>	<p>Interactive event Catamaran Restaurant</p>
<p>Utilizing an AIED Unplugged Application to Tackle Dropout Rates in Basic Education Schools. Carlos Portela, André Lima, Eduardo Santos, Thiago Silva, Thiago Cordeiro, Paula Palomino, Alan Silva, Diego Dermeval, Leonardo Marques, Leogildo Freire, Ig Bittencourt and Seiji Isotani</p>		

<p>Utilizing an AIED Unplugged Application to Enhance Writing Skills in Brazilian Elementary Schools Carlos Portela, Koiti Yasojima, Jário Santos, Thiago Cordeiro, Rodrigo Lisbôa, Paula Palomino, Alan Silva, Diego Dermeval, Leonardo Marques, Rafael Mello, Ig Bittencourt and Seiji Isotani</p>	<p>9th Tuesday, 18:00 - 19:00</p>	<p>Interactive event Catamaran Restaurant</p>
<p>Keynote: Artificial Intelligence in Education and Public Policy: A Case from Brazil - Seiji Isotani</p>	<p>10th Wednesday 9:00 - 10:00</p>	<p>Grand Mercure Hotel(Room: Panorâmica A)</p>
<p>Knowledge Tracing Unplugged: From Data Collection to Model Deployment. Luiz Rodrigues, Anderson Avila-Santos, Thomaz Edson Silva, Rodolfo Sena da Penha, Carlos Neto, Geiser Challco, Ermesson Lima Santos, Everton Souza, Guilherme Guerino, Thales Vieira, Marcelo Marinho, Valmir Macario, Ig Ibert Bittencourt, Diego Dermeval and Seiji Isotani.</p>	<p>10th Wednesday 10:00 - 11:00</p>	<p>(Grand Mercure Hotel) Technical Session 7: Knowledge tracing Panorâmica A</p>
<p>Automatic Detection of Narrative Rhetorical Categories and Elements on Middle School Written Essays Rafael Ferreira Mello, Luiz Rodrigues, Erverson Sousa, Hyan Batista, Mateus Lins, Andre Nascimento and Dragan Gasevic</p>	<p>10th Wednesday 11:30 - 13:00</p>	<p>(Grand Mercure Hotel) Technical Session 11: Essay grading and feedback Panorâmica B</p>
<p>Do we Need AIED if We Have Powerful Generative AI? Ig Ibert Bittencourt</p>	<p>10th Wednesday 14:40 - 16:00</p>	<p>(Grand Mercure Hotel) Room: Panorâmica A</p>
<p>Can GPT4 Answer Educational Tests? Empirical Analysis of Answer Quality based on Question Complexity and Difficulty Luiz Rodrigues, Filipe Dwan Pereira, Luciano Cabral, Geber Ramalho, Dragan Gasevic and Rafael Ferreira Mello</p>	<p>11th Thursday 11:30 - 13:00</p>	<p>Technical Session 19: Questions: answering, generation, evaluation Panorâmica A</p>
<p>Bringing AIED, Public Policy and GDPR To Promote Educational Opportunities in Brazil. Carlos Portela, Jorge Rocha, Paula Palomino, Rodrigo Lisbôa, Thiago Cordeiro, Alan Silva, Ig Bittencourt, Diego Dermeval, Leonardo Marques and Seiji Isotani</p>	<p>11th Thursday 14:30 - 16:10</p>	<p>Technical Session 24: Industry track Ventaneiro</p>

<p>Bringing AIED, Public Policy and GDPR to Promote Educational Opportunities in Brazil.</p>	<p>11th Thursday 14:50 - 15:10</p>	<p>Grand Mercure Hotel (Room: Ventaneiro)</p>
<p>LANSE: A Cloud-Powered Learning Analytics Platform for the Automated Identification of Students at Risk in Learning Management Systems Cristian Cechinel, Tiago Primo, Henrique Lemos Dos Santos, Emanuel Queiroga, Vinicius Ramos, Rafael Ferreira Mello, Roberto Munoz and Matheus Francisco B. Machado</p>	<p>11th Thursday 15:10 - 15:30</p>	<p>Grand Mercure Hotel (Room: Ventaneiro)</p>
<p>Exploring NLP and Embedding for Automatic Essay Scoring in the Portuguese. Ruan Carvalho, Lucas Fernandes Lins, Luiz Rodrigues, Péricles Miranda, Hilário Oliveira, Thiago Cordeiro, Ig Bittencourt, Seiji Isotani and Rafael Ferreira Mello</p>	<p>12th Friday 9:00 - 10:30</p>	<p>(CESAR School) Wide AIED (Slot 1) Room D</p>
<p>Contextual Features for Automatic Essay Scoring in Portuguese Lucas Galhardi, Maria Fernanda Herculano, Luiz Rodrigues, Péricles Miranda, Hilário Oliveira, Thiago Cordeiro, Ig Bittencourt, Seiji Isotani and Rafael Ferreira Mello</p>	<p>12th Friday 11:00 - 13:00</p>	<p>Wide AIED (Slot 2) Room D</p>
<p>Breaking the Cycle: AI Boosting Communication Skills of Low-Income Students in Brazil Renata Miranda de Gama, Geiser Chalco, Jário Santos, Marcelo Reis, Álvaro Sobrinho, Ig Ibert Bittencourt and Seiji Isotani</p>	<p>12th Friday 11:00 - 13:00</p>	<p>Wide AIED (Slot 2) Room D</p>

