

Keynote Speakers, Theme-Based Speakers, Panels

Wednesday, November 27

| 10:20-11:20 | Keynote Speaker Getting Ready for the Age of Al: Developing Self-Regulated Learners Dragan GAŠEVIĆ |
|-------------|---|
| 11:20-12:20 | Panel-3 Learning Languages in "Smarter" Ways: Theory-Informed Utilization of Smart Technologies in Contextualized, Authentic & Communicative Language Learning Lung-Hsiang WONG, Yun WEN, Vivian Wen-Chi WU, Yoshiko GODA & Ting-Chia HSU |
| 13:20-14:00 | Theme-Based Speaker How to Better Understand the Collaborative Component in Computer-Supported Collaborative Learning (CSCL): Current Landscape, Challenges and Future Prospects Johanna PÖYSÄ-TARHONEN |
| 15:20–16:50 | Panel-2 Global Harwell in an Examination Driven Education System and an Excellence Pursuing Society: Possible? How? Better with Digital Technologies Fu-Yun YU, Tak-Wai CHAN, Sahana MURTHY, Su Luan WONG, Wenli CHEN, Hyo-Jeong SO & Hiroaki OGATA |

Thursday, November 28

| 09:00-10:00 | Keynote Speaker Critical Virtual Exchange for Critical Global Citizenship Education Mirjam HAUCK |
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| 10:20-11:00 | Theme-Based Speakers In Search of Intelligent Pedagogical Content Knowledge (IPACK) Ching Sing CHAI Multi-Modal Learning Analytics for Learning Design Wenli CHEN |
| 11:00-12:00 | Panel-1 Digital Technology for Inclusive and Equitable Quality Education Weiqin CHEN, Jon MASON, Faisal BADAR, Shitanshu MISHRA & Maria Mercedes T. RODRIGO |
| 13:00-14:00 | Keynote Speaker Learning from Generative AI for Cognitive and Pedagogical Advancement Michelle BANAWAN |

| | Keynote Speaker | |
|-------------|--|--|
| 09:00-10:00 | Personalized Gamification Experiences: From Design to Impact | |
| | Seiji ISOTANI | |



C1: ICCE Sub-Conference on Artificial Intelligence in Education/Intelligent Tutoring System (AIED/ITS) and Adaptive Learning

Wednesday, November 27

| 11:20-12:20 | AIED/ITS-1 |
|-------------|---|
| 58F BSPN | The Impact of Instructional Videos Supported by AI-Driven Tutoring System on EFL Listening and Speaking Xiangyu TAN & Xiuyuan ZUO |
| 137F | LLM-Generated Personalized Analogies to Foster Al Literacy in Adult Novices Cassie Chen CAO, Eason CHEN, Zoe FANG, Lydia Y CAO, Jionghao LIN & Ruizhe LI |
| 14:00-15:00 | AIED/ITS-2 |
| 138 | UniSpLLM: An Integrated Approach for Enhancing Reasoning and Education with Large Language Models Hanyu ZHAO, Yuzhuo WU, Yang YU, Xiaohua YU & Liangyu CHEN |
| 106S | Availability and Effectiveness of Generative AI for Web-Based Investigative Learning Yutaka WATANABE & Akihiro KASHIHARA |
| 122S | Developing a LLMs-Driven System Based on Human-Al Progressive Code Generation Framework to Assist Mathematics Learning Chun Yan Enoch SIT, Yin YANG, Wing Kei YEUNG & Siu Cheung KONG |
| 15:20-16:50 | AIED/ITS-3 |
| 175F | Evaluating the Performance of Copula-Based Item Response Theory Models for Interpretable Assessment Eduardo GUZMÁN & Eva MILLÁN |
| 80S | Enhancing Diversity in Difficulty-Controllable Question Generation for Reading Comprehension via Extended T5 Teruyoshi GOTO, Yuto TOMIKAWA & Masaki UTO |
| 1908 | The Effect of Feature Reliability on the Generalization of Machine Learning Models in Educational Data Yingbin ZHANG |
| 258ES | Exploring High School Students' Transition from Traditional Search Engines to ChatGPT for Course Learning: A Push-Pull-Mooring Model Perspective Chien-Liang LIN, Chih-Yu YANG, Pei-Chi WU, Yu-Cheng LIN & Chi-Heng LI |
| 266ES | Exploring Dialogue Patterns in Argumentation with Pre-Set ChatGPT Personas Seunmin EUN & Seonmin JIN |



C1: ICCE Sub-Conference on Artificial Intelligence in Education/Intelligent Tutoring System (AIED/ITS) and Adaptive Learning

Thursday, November 28

| 11:00-12:00 | AIED/ITS-4 |
|---------------|--|
| 94F BOPN | Predicting and Analyzing Students' Higher-Order Questions in Collaborative Problem-Solving Shan ZHANG, Toni V. EARLE-RANDELL, Qian SHEN, Anthony F. BOTELHO, Maya ISRAEL, Kristy Elizabeth BOYER, Collin F. LYNCH & Eric WIEBE |
| 120F BTDPN | Reflection Support System with Audience Robots for Presentation Practice Yuya KISHIMOTO & Tomoko KOJIRI |
| 15:50-16:50 | AIED/ITS-5 |
| 151F | Facilitating Holistic Evaluations with LLMs: Insights from Scenario-Based Experiments Toru ISHIDA, Tongxi LIU, Hailong WANG & William K. CHEUNG |
| 1268 | Is Internal State Feedback in an E-Learning Environment Acceptable to People? Atsushi ASHIDA, Ryosuke KAWAMURA, Shizuka SHIRAI, Noriko TAKEMURA, Mehrasa ALIZADEH, Hideaki HAYASHI & Hajime NAGAHARA |
| 211ES | Integrating Explanations in Active Video Watching Raul Vincent LUMAPAS, Antonija MITROVIC, Matthias GALSTER, Sanna MALINEN, Pasan PEIRIS & Jay HOLLAND |

| 10:20-11:10 | AIED/ITS-6 |
|-------------|--|
| 238ES | Personalized Comment Reviewing in Active Video Watching: Investigation of Learners' Cognitive Load Ehsan BOJNORDI, Antonija MITROVIC, Matthias GALSTER, Sanna MALINEN & Jay HOLLAND |
| 251ES | AI-Driven Feedback for Enhancing Students' Mathematical Problem-Solving: The ScaffoldiaMyMaths System Daner SUN, Jingyun WANG, Lan YANG, Kee-lee CHOU, Zhixuan SONG & Zhizi ZHENG |
| 259ES | A Study on High School Students' Continuance Intention to Use ChatGPT for Learning Assistance: An Exploration Based on Self-Determination Theory Chien-Liang LIN, Tian-Yun LIN, Shi-En LIN & Yu-Chen LIN |



C2: ICCE Sub-Conference on Computer-supported Collaborative Learning (CSCL) and Learning Sciences

Wednesday, November 27

| 14:00-15:00 | CSCL-1 |
|--------------------|---|
| 31F | Unveiling the Interplay of Students' Epistemic Emotions and Knowledge Building Activities in Design Studios Alwyn Vwen Yen LEE, Chew Lee TEO, Aloysius ONG & Katherine YUAN |
| 144F BOPN, BSPN | MESHing Minds: Bridging the Gap Between Creativity and IoT Programming Through Collaborative Mixed Reality Yusuke SAKABE, Emmanuel AYEDOUN & Masataka TOKUMARU |

Thursday, November 28

| 14:00-15:30 | CSCL-2 |
|-------------|---|
| 528 | Students' Verbal Interaction Patterns in Computer-Supported Collaborative Learning: The Role of Individual Preparation Wenli CHEN, Lishan ZHENG, Mei-Yee Mavis HO, Qianru LYU, Hua HU & Zirou LIN |
| 88\$ | Enhancing Social Learning in Active Video Watching Ehsan BOJNORDI, Antonija MITROVIC, Matthias GALSTER, Sanna MALINEN, Jay HOLLAND & Negar MOHAMMADHASSAN |
| 1248 | Rethinking Trust in Human-Al Collaboration in the Generative Al Era Yijie LU & Bo JIANG |
| 147S | Infrastructuring for Collective Cognitive Responsibility: A Case Study of Student Knowledge Building Design Studio Chew Lee TEO, Aloysius ONG, Alwyn LEE, Guangji YUAN & Kennedy LOO |
| 148\$ | Review of Different Assessment Methods Used by Online Inquiry-Based Learning Systems That Support Argumentation Nitesh Kumar JHA, Plaban Kumar BHOWMIK & Kaushal Kumar BHAGAT |
| 200S | Investigating Secondary School Students' Academic Emotions in Data Science Learning Gaoxia ZHU, Chew Lee TEO, Guangji YUAN, Chin Lee KER, Aloysius ONG & Alwyn Vwen Yen LEE |

| 10:20-11:10 | CSCL-3 |
|-------------|--|
| | Online Making-Based Learning at Scale: Towards Equity in STEM Learning |
| 185F | Deeksha GAUTAM, Aditi KOTHIYAL, Rashmi SHEORAN, Neha GARG, Adithi IYER, Ashutosh BHAKUNI, |
| | Jay THAKKAR, Jyothi KRISHNAN & Manish JAIN |
| | Verbal Interaction Patterns in Online Collaborative Learning Design: Comparison of High Per- |
| 998 | forming and Low Performing Groups |
| | Wenli CHEN, Lishan ZHENG, Mei-Yee Mavis HO, Hua HU & Qianru LYU |



C3: ICCE Sub-Conference on Advanced Learning Technologies (ALT), Learning Analytics and Digital Infrastructure

Wednesday, November 27

| Wednesday, | November 27 |
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| 11:20-12:20 | ALT-1 |
| 64F | Proficiency Modeling in Junior High Math: Adapted Cognitive Statistical Models to E-Book Learning Contexts Changhao LIANG, Kensuke TAKII & Hiroaki OGATA |
| 98F | An Embodied Projection Recognition System for Situated Learning to Enhance Learning Effectiveness and Self-Reflection Ability Hui-Ting LIU, Zi-Ting DING, Su-Hang YANG, Jian-Yu WU, Jen-Hang WANG, Po-Yao CHAO, Yung-Yu ZHUANG & Gwo-Dong CHEN |
| 14:00-15:00 | ALT-2 |
| 196F BOPN | Combining Multimodal Analyses of Students' Emotional and Cognitive States to Understand Their Learning Behaviors Ashwin T S, Caitlin SNYDER, Celestine E. AKPANOKO, Srigowri M P & Gautam BISWAS |
| 1368 | Development of Metacognitive Reflection Support System on Creative Discussion Toshimasa SHIMIZU, Yuki HAYASHI & Kazuhisa SETA |
| 1498 | Utilization of Japanese Public Educational Data by Retrieval Augmented Generation for Policy Research Kyosuke TAKAMI |
| 15:20-16:50 | ALT-3 |
| 97F | Analyzing Student Behavior in Viat-Map: Steps and Time as Performance Indicators Banni Satria ANDOKO, Vivin Ayu LESTARI, Agung Nugroho PRAMUDHITA, Amalia NURAINI, Inda Khoirun NISAK & Tsukasa HIRASHIMA |
| 113F | Comparison of Learners' Self-Direction Behavior Across Contexts and Phases Junya ATAKE, Chia-Yu HSU, Huiyong LI, Izumi HORIKOSHI, Rwitajit MAJUMDAR & Hiroaki OGATA |
| 1315 | Progressive Behavior Patterns of Online Discussion at Different Circle of Self-Regulated Learning Shih-Hua HUANG, De-Yu SHIAU, Yung-Sian FANG & Ting-Chia HSU |
| 143\$ | Forest/CR: Critical Paper Reading Support System Tomoya KII, Kazuhisa SETA & Yuki HAYASHI |



C3: ICCE Sub-Conference on Advanced Learning Technologies (ALT), Learning Analytics and Digital Infrastructure

Thursday, November 28

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| 11:00-12:00 | ALT-4 |
| 4\$ | Exploring the Relationship of Personality Domains and Visual Attention Patterns in Novice Programmers Caren PACOL, Maria Mercedes RODRIGO & Christine Lourrine TABLATIN |
| 35\$ | Construction of a Japanese Language Learning Support System That Enables Word Accent Learning Satoru KOGURE, Kazuki TOMITA, Yasuhiro NOGUCHI, Koichi YAMASHITA, Tatsuhiro KONISHI & Makoto KONDO |
| 41\$ | Developing a Feedback Analytic Tool to Support Instructor Reflection Feng LIN, Chenchen LI, Rebekah Wei Ying LIM & Yew Haur LEE |
| 1398 | Effect of Re-Composition Concept Mapping for Sharing Reference Maps on Serial Concept Mapping: A Preliminary Study Rian FITRIANSYAH, Harry Budi SANTOSO, Lia SADITA, Baginda Anggun Nan CENKA, Syifa NURHAYATI, Yusuke HAYASHI & Tsukasa HIRASHIMA |
| 14:00-15:30 | ALT-5 |
| 48F BTDPN | Designing Recommendations for Productive Learning Habit-Building from Learning Logs Chia-Yu HSU, Izumi HORIKOSHI, Huiyong LI, Rwitajit MAJUMDAR & Hiroaki OGATA |
| 101F | Designing Interaction Scenario for Alleviating Persistence in Learning Strategies So SASAKI & Akihiro KASHIHARA |
| 166F | Enhancing Vocational Training Through Immersive Technology: A Study on Digital Magic Mirrors Jen-Hang WANG, Hung-Wei TSENG, Su-Hang YANG, Chih-Kai CHANG, Yung-Yu ZHUANG & Gwo-Dong CHEN |
| 1458 | Facilitating Thinking like a Historian in Open-Ended Learning Space: A White Box Approach Aoi MATSUURA, Yuki HAYASHI & Kazuhisa SETA |
| 15:50-16:50 | ALT-6 |
| 918 | Boosting Course Recommendation Explainability: A Knowledge Entity Aware Model Using Deep Learning Tianyuan YANG, Baofeng REN, Boxuan MA, Tianjia HE, Chenghao GU & Shin'ichi KONOMI |
| 1915 | Error Tolerance in Automatic Short Answer Grading with Large Language Models: The Case of Handwriting Recognition Errors Ziqi TAN, Yingbin ZHANG & Su MU |
| 209ES | Identifying Key Indicators of Proficiency in Junior High Math: Roles of Daily Handwriting Learning Logs Yudai OKAYAMA, Changhao LIANG, Kensuke TAKII & Hiroaki OGATA |
| 267ES | Relationship Analysis Between Procrastination Behavior and Non-Cognitive Abilities Yasuhisa TAMURA & Keito MORINO |



C3: ICCE Sub-Conference on Advanced Learning Technologies (ALT), Learning Analytics and Digital Infrastructure

| Friday, November 29 | |
|---------------------|---|
| 10:20-12:00 | ALT-7/8 |
| 70F | Effectiveness of Information Organizing Activities After Lecture in Mathematics: A Comparison Between Kit-Build Concept Mapping and Structured Summary Writing Lintang Matahari HASANI, Kasiyah JUNUS, Lia SADITA, Tsukasa HIRASHIMA & Yusuke HAYASHI |
| 77F BSPN | Automated Recommendations for Revising Lecture Slides Using Reading Activity Data Erwin D. LOPEZ Z, Cheng TANG, Yuta TANIGUCHI, Fumiya OKUBO & Atsushi SHIMADA |
| 40\$ | Optimizing Causal Inference Approach for Exploring Shallow Reading Behavior with Generative Adversarial Networks Yu BAI, Fuzheng ZHAO, Wenhao WANG & Chengjiu YIN |
| 60\$ | Exploring Linguistic Sophistication of Discussion Board Posts in University Learning Management Systems Michelle P. BANAWAN, Clarence James MONTEROZO & Maria Mercedes T. RODRIGO |
| 227ES | Toward Contextualized Handwriting Process Analysis: Comparison Between Problem Types in Math Shunsuke TONOSAKI, Taito KANO, Satomi HAMADA, Izumi HORIKOSHI & Hiroaki OGATA |
| 13:00-14:00 | ALT-9 |
| 9S | Code Tracing Support Environment Based on Visualization of Cooperative Behavior of Multiple-Flows Yasuhiro NOGUCHI, Kotaro SUNAMA, Satoru KOGURE, Raiya YAMAMOTO, Koichi YAMASHITA & Tatsuhiro KONISHI |
| 90\$ | Peer Feedback Feature Analysis with Large Language Models: An Exploratory Study Qianru LYU, Zirou LIN & Wenli CHEN |
| 214ES | Relationship Between Students' Scores in Weekly Tests and Final Exam Satomi HAMADA, Izumi HORIKOSHI & Hiroaki OGATA |
| 218ES | Exploring Reading Speed Profiles in EFL Extensive Reading Hatsune ICHIDATE, Yiling DAI, Brendan FLANAGAN & Hiroaki OGATA |



C4: ICCE Sub-Conference on Technology Enhanced Learning for Mobility of Learners and Learning Experiences (TEML)

formerly known as Classroom, Ubiquitous and Mobile Technology-Enhanced Learning (CUMTEL)

Wednesday, November 27

| 11:20-12:20 | TEML-1 |
|-------------|--|
| 71F BSPN | Linking Real-World Experiences with Course Contents: A Text Mining Approach Toward Effective "There and Back Again" Manabu ISHIHARA, Izumi HORIKOSHI & Hiroaki OGATA |
| | Marrying Physical and Virtual Realms: An Embodied, Multi-Modal Approach to Situational |
| 75F | Learning in Digital Reality |
| BTDPN | Vando Gusti AL HAKIM, Yao-En CHEN, Meng-Heng LIN, Chia-Ying CHANG, Jen-Hang WANG, |
| | Chih-Kai CHANG, YungYu ZHUANG, Su-Hang YANG & Gwo-Dong CHEN |

Thursday, November 28

| 11:00-12:00 | TEML-2 |
|-------------|--|
| 132F | Classifying Self-Reflection Notes: Automation Approaches for GOAL System Zixu WANG, Chia-Yu HSU, Izumi HORIKOSHI, Huiyong LI, Rwitajit MAJUMDAR & Hiroaki OGATA |
| 50\$ | Using Educational VR Systems to Promote Inquiry-Based Learning in Natural Science Shu-Ying TSAI, Zhi-Hong CHEN & Min-Hsuan WENG |
| 1358 | Generative Artificial Intelligence in Education: Evaluating Students' Self-Efficacy and Utilization in Their Homework Elanie VIZCONDE, Ma. Rowena CAGUIAT & Ethel ONG |

| 10:20-12:00 | TEML-3/4 |
|-------------|---|
| 51F BOPN | Low vs. High Immersion in Metaverse-Based Learning: How Pre-Service Teachers Balanced Between Instruction and Assessment in Learning Design Darmawansah DARMAWANSAH, Dani PUSPITASARI & Gwo-Jen HWANG |
| 160\$ | Participatory Design of an Al Digital Textbook with Deaf and Hard-of-Hearing Students Ga Young LEE, Jieun CHOI, Seonhee NA & Hyo-Jeong SO |
| 1618 | Technology Considerations in Building Virtual Educational Avatars Antun DROBNJAK & Ivica BOTICKI |
| 1948 | Data-Driven Peer Recommendation and Its Applications in Extracurricular Learning Peixuan JIANG, Changhao LIANG & Hiroaki OGATA |



C5: ICCE Sub-Conference on Educational Gamification and Game-based Learning (EGG)

Wednesday, November 27

| 15:20-16:50 | EGG-1 |
|--------------|--|
| 16F BSPN | Design and Evaluation of the Usability of a Game-Based Learning Application for Learners with Dyslexia Vincent GARCIA, Arnel OCAY, Joshua PERADILLA, Mary Rose SAGUIPED & Myla Karen ARENAS |
| 72F | Comparing Effects of Adaptive Gamification and One-Size-Fits-All Gamification on Students' Task Completion Process and Learning Performance Shurui BAI & Yingxue LIU |
| 162F BOPN | Dialogue Game-Based Learning for AI Ethics Education Hyo-Jeong SO & Sung-Eun KIM |
| 1258 | Detecting Off-Task Behavior of Learners in Minecraft Using Exploration and Personalized Features Maricel A. ESCLAMADO & Maria Mercedes T. RODRIGO |

Thursday, November 28

| 14:00-15:30 | EGG-2 |
|--------------|---|
| 65F BTDPN | A Robot-Assisted Scenario Training for Students with ASD Ka Yan FUNG, Kwong Chiu FUNG, Tze-Leung Rick LUI, Feifan PANG, Huamin QU, Shenghui SONG & Kuen Fung SIN |
| 103F | Exploring the Impact of Incorporating Digital Escape Room on Learners' Performance and Motivation in Environmental Sustainability Education Yu-Chao LAI & Jie-Chi YANG |
| 1335 | Middle School Students' Ability to Detect Lies When Interacting with an Educational AI Robot Ahmed SALEM & Kaoru SUMI |

| 13:00-14:00 | EGG-3 |
|-------------|--|
| 73\$ | ICCE 2024 FLOU: Evaluating the Intrinsic Motivation of Learners in Gamifying Academic Programs Through a Gamified Mobile Application Marl Vincent AGRAVANTE, Jeru Kian FERNANDEZ, Ma. Louisa PEREZ & Joshua MARTINEZ |
| 164\$ | Designing an Educational Game for Facilitating Development of Media and Information Literacy Jun XIE, Xiang LI, Kotomi HASEGAWA, Zhichun LIU & Frank REICHERT |
| 262ES | Developing a Visualized Data Guessing Game to Assess Data Literacy Ruei-Yi XIE & Ming-Chi LIU |



C6: ICCE Sub-Conference on Technology Enhanced Language Learning (TELL)

Wednesday, November 27

| 14:00-15:00 | TELL-1 |
|-------------|---|
| 123F | TAMMY: Supporting EFL Translation Practice with an LLM-Powered Chatbot |
| BSPN | Steve WOOLLASTON, Brendan FLANAGAN, Patrick OCHEJA, Yiling DAI & Hiroaki OGATA |
| 172F | Impact of Online Video Dubbing Activities on Grade 5 Students' Pronunciation, Accuracy, and Fluency in English Speaking: An Experimental Research |
| BTDPN | Min XIE & Alex Wing Cheung TSE |

Thursday, November 28

| 15:50-16:50 | TELL-2 |
|--------------|--|
| 158F BOPN | Open Knowledge and Learner Model: Mathematical Representation and Applications as Learning Support Foundation in EFL Kensuke TAKII, Changhao LIANG & Hiroaki OGATA |
| 157\$ | The Effect of LINE Chatbot with Escape Game Design on English Learning Achievement, Situational Interest, and Student Engagement Elva Yi-Fang LO & Jerry Chih-Yuan SUN |
| 1128 | Examining Augmented Reality's Influence on Pronunciation Training: Insights from PinyinGuo's Application and Comparative Avatar Testing Daria SINYAGOVSKAYA |

| 11:10-12:00 | TELL-3 |
|-------------|--|
| 1158 | Improve English Pronunciation at Word Level for Thai EFL Learners in Southern Region Using End-to-End Automatic Speech Recognition Nattapol KRITSUTHIKUL, Kongpop BOONMA, Jirapond MUANGPRATHUB, Wasan NA CHAI & Thepchai SUPNITHI |
| 128\$ | Investigation on the Usage Status of a Support System for Writing English Paragraph Outlines in English Classes Afifah ILHAM, Tomohiro KUROKI, Akira NAKANO & Hidenobu KUNICHIKA |
| 152S | Mapping Morphological Patterns: A Framework for Rinconada Bikol Language Morphological Analysis and Stemming Tiffany Lyn PANDES & Joshua MARTINEZ |
| 13:00-14:00 | TELL-4 |
| 148 | Enhancing Chinese Language Education Through Al-Assisted Project-Based Learning: A Qualitative Study on Learning Values and Multimedia Skills Development Satoko SUGIE |
| 184\$ | Development of a Chatbot and Evaluation of Its Effects on Learning and Intrinsic Motivation of a Public Secondary School's Spanish Language Learners Julian Eymard JANUBAS, Josiah Jose DEYSOLONG, Hanz Lucas ESTOPIA, Karl Mykell TABBAY & Jun Rangie OBISPO |
| 186\$ | Enhancing Language Learning Through Multimodal Al-Driven Feedback on Picture Descriptions: An Eye-Tracking Study Ruibin ZHAO, Zhiwei XIE, Yipeng ZHUANG, Huixian LI, Philip L. H. YU |



C7: ICCE Sub-Conference on Practice-driven Research, Teacher Professional Development and Policy of ICT in Education (PTP)

Wednesday, November 27

| Wednesday, | November 27 |
|-------------|---|
| 11:20-12:20 | PTP-1 |
| 24F | Do Academic Stress and Risk Propensity Affect Behavioral Intention to Use ChatGPT Among University Students? Brylle SAMSON, Ronnie LURIAGA & Ryan EBARDO |
| 53F | Who Is a Good Computational Thinker? Mapping Behavioral Dispositions of Middle-School Children Based on Real-Life, Algorithmic Tasks Shashaank V. PINNAMARAJU, Lazar TONY & Anveshna SRIVASTAVA |
| 15:20-16:50 | PTP-2 |
| 61F BOPN | Representing Learning Progression of Unguided Exercise Solving: A Generalization of Wheel-Spinning Detection Taisei YAMAUCHI, H. Ulrich HOPPE, Yiling DAI, Brendan FLANAGAN & Hiroaki OGATA |
| 68 | Factors Contributing to the Negative Online Learning Academic Self-Concept of College Students Rex BRINGULA, Roman Paulo BAET, Ralph Lawrence GARCIA, Franchesca Mari MORALES, Jan Carlo RAMOS, Hanna Sophia SARMIENTO & Edmon TORRES |
| 7\$ | Teachers' Perspectives on Integrating Al Tools in Classrooms: Insights from the Philippines Vanessa B. SIBUG, Vicky P. VITAL, John Paul P. MIRANDA, Emerson Q. FERNANDO, Almer B. GAMBOA, Hilene E. HERNANDEZ, Joseph Alexander BANSIL, Elmer M. PENECILLA & Dina D. GONZALES |
| 108 | Research on the Dual-Pathway Impact of Artificial Intelligence Technology on Teachers' Human-Machine Collaboration Yujie XU & Yiling HU |
| 30S | Does Learning Interest Predict Academic Performance in an Interest-Driven HyFlex Course? Liang Jing TEH, Su Luan WONG, Mohd Zariat ABDUL RANI, Mas Nida MD KHAMBARI & Sai Hong TANG |



C7: ICCE Sub-Conference on Practice-driven Research, Teacher Professional Development and Policy of ICT in Education (PTP)

| 11:00-12:00 | PTP-3 |
|-------------|--|
| 11:00-12:00 | |
| 198 | Using a Teaching Framework to Identify Resilient and Persistent Teaching Practices |
| | During the Pandemic |
| | Ma. Monica L. MORENO, Johanna Marion R. TORRES, Timothy Jireh GASPAR, Jenilyn A. CASANO & |
| | Maria Mercedes T. RODRIGO |
| | Evaluating the Effectiveness of a Professional Development Course on Artificial Intelligence |
| 92\$ | Literacy for Administrative Staff in Higher Education |
| | Siu Cheung KONG, Zoe Wai Sum MAK, Yue WU & Yin YANG |
| | From Textbooks to Classroom Implementation: Experience Report of Middle School Science |
| 140S | Teachers' Pedagogy for Activity-Based Learning |
| | Zun Phoo MO, Sunny Prakash PRAJAPATI, Sheeja VASUDEVAN & Sahana MURTHY |
| 1558 | Appropriating AI-Powered Pedagogical Affordances for Vocabulary Learning |
| 1005 | Xinyu GUO & Yun WEN |
| 14:00-15:30 | PTP-4 |
| | Extraction of Important Characteristics for Data-Informed Guidance and Counseling from |
| 114F | Daily Usage Log Data |
| BTDPN | Junya ATAKE, Chia-Yu HSU, Izumi HORIKOSHI & Hiroaki OGATA |
| | Driving Informed EdTech Quality Decisionmaking: A Research-Practice Partnership-Based |
| 146F | Solution for Diverse Stakeholders' Needs |
| | Ishika ISHIKA, Angelina Susan PHILIP, Sheeja VASUDEVAN & Sahana MURTHY |
| | Determinants of ChatGPT Adoption in Academe & Other Fields – A Review on |
| 208 | Theoretical Perspective |
| | Gerand Boy O. ELINZANO & Michelle Renee CHING |
| | Exploring the Entanglement Between Technology and Pedagogy: A Case Study of |
| 171S | Knowledge Building |
| | Yee Yin TAN, Seng Chee TAN & Chew Lee TEO |
| 15:50-16:50 | PTP-5 |
| | Determinants of ICT Competency Among Public School Teachers in Bukidnon |
| 958 | Gladys S. AYUNAR, Nathalie Joy G. CASILDO, May Marie P. TALANDRON-FELIPE, |
| | Kent Levi A. BONIFACIO, Jinky G. MARCELO & Fe S. SEBUGUERO |
| | Preliminary Exploration on the Dimensions of Digital Learning Agility Among Teachers |
| 226ES | in Malaysia |
| | Nur Dania MOHD ROSLI, Kamilah ABDULLAH, Mas Nida MD. KHAMBARI, Su Luan WONG, |
| | Noor Syamilah ZAKARIA, Priscilla MOSES & Nur Aira ABDRAHIM |
| 228ES | Analysis of Factors Influencing Teacher Behavioural Engagement in Distance Training Base |
| | on MOA and SDT |
| | Zhou JIN |
| 257ES | The Impact of AI Literacy on Teacher Efficacy and Identity: A Study of Korean |
| | English Teachers |
| | Seunmin EUN & Anna KIM |



C7: ICCE Sub-Conference on Practice-driven Research, Teacher Professional Development and Policy of ICT in Education (PTP)

| 11:10-12:00 | PTP-6 | |
|--------------|---|--|
| 183F | Constructing Desirable Learning Habits: Evidence from an Instructional System Design Course Based on the IDC Theory Anveshna SRIVASTAVA, Sandeep YADAV, Sahana MURTHY & Sridhar IYER | |
| 188F BSPN | Enhancing Language Learning Through Multimodal Al-Driven Feedback on Picture Descriptions: An Eye-Tracking Study Ruibin ZHAO, Zhiwei XIE, Yipeng ZHUANG, Huixian LI & Philip L. H. YU | |



Poster Session 1

Wednesday, November 27 16:50–17:50

| | ALED LITE |
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| | AIED/ITS Image-Based Pili (Canarium ovatum, Engl.) Fruit Variety Classifier App: An Approach to Enhancing Teaching |
| 47P | Biodiversity and Crop Science Leo Constantine BELLO & Joshua MARTINEZ |
| | Authorship Forensics Portal |
| 54P | Robert SCHMIDT, Maiga CHANG, Hsiang-Han CHENG, Greg FREDIN, Kevin HAGHIGHAT & Rita KUO Designing Learner-Centered Collaborative Learning by Incorporating Al-Based Teacher/Learner Agents with a |
| 55P | Cognitive Model Yugo HAYASHI, Shigen SHIMOJO & Tatsuyuki KAWAMURA |
| 59P | Student Perceptions of Using Generative AI Chatbot in Learning Programming |
| | Ean Teng KHOR, Leta CHAN, Elizabeth KOH & Peter SEOW ALT |
| 12P | Towards the Development of PIA 2.0: A Pedagogical Agent That Exhibits Synthetic Facial Expressions John Lorenz DELA CRUZ, Paulyn Joy DELA CRUZ, Joyce Antonette GUADALUPE, Jiabianca MACARAEG, Piolo Jose MONTESA, Mark Paul RAMOS & Rex BRINGULA |
| 32P | Early Detection of At-Risk Students Through Leaning-Activity Forecasting Yuya OZAKI, Daisuke DEGUCHI, Haruya KYUTOKU & Hiroshi MURASE |
| 165P | What Insights Are Gained from Students' Trace Data in Homework? Satomi HAMADA, Yuko TOYOKAWA, Taito KANO, Izumi HORIKOSHI & Hiroaki OGATA |
| | TEML |
| 260 | A TPB-TAM Approach to Identifying Adoption Factors of Hyflex Among Educators |
| 36P | Elanie VIZCONDE, Joshua ISAGUIRRE, Gabriel Luis LIWANAG & Ryan EBARDO |
| IIIP | Designing Interactive Mathematical Teaching Tools for Tablet-Based Learning: Enhancing Student Engagemer and Tactile Exploration |
| | Loong-Chuan LEE, Chia-Ying LIN, Yu-Han TAN & Kuo-Yu LIU |
| | TELL Implementation and an Evaluation of a Search Function Allowing Misspelling for a Japanese Learning System |
| 127P | Hidenobu KUNICHIKA & Miguel Antonio VILLALOBOS ZUNIGA |
| | PTP An Experience Sampling Study of Student Emotional Life: Preliminary Results |
| 2P | Maria Mercedes T. RODRIGO, Liane Peña ALAMPAY, Queena N. LEE-CHUA & Irish Danielle MORALES |
| 3P | Theory-Driven Design for the Development of a Student-Centered Error-Correction Online Learning System |
| | Fu-Yun YU Contextual Factors Affecting Large-Scale Educational Technology Implementation: Policy Intention Versus |
| 62P | Practice Arjun PRASAD, Jayakrishnan WARRIEM & Sridhar IYER |
| | WIPP |
| 216WIPP | Support System for Focused Discussion in Consensus Building for Team Sports |
| | Kazuma KUWADA & Tomoko KOJIRI Understanding Collaborative Teacher Growth from the Lens of Digital Learning Agility: A Pathway to Education |
| 222WIPP | Excellence Kamilah ABDULLAH, Mas Nida MD KHAMBARI, Su Luan WONG, Noor Syamilah ZAKARIA, Nur Dania MOHD ROSLI, |
| 239WIPP | Nur Aira ABD RAHIM & Priscilla MOSES Online Educational Game for Interior Design with Design Thinking Process and Multidimensional Scaffolding |
| 247WIPP | Chou-Pai YEOH & Huei-Tse HOU Microlearning Strategy in ICT Education |
| 250WIPP | Kotaro TORII What Do University Students Say About ChatGPT? A Topic Modeling of Perception on GenAI in Academic Writing |
| | Lingxi JIN, Kyuwon KIM, Hyo-Jeong SO & Ga Young LEE Generative Al and XR in Education: Student Co-Created Metaverse Worlds in an International Virtual Exchange |
| 265WIPP | Masako HAYASHI |
| | CATELLIO |
| | SATELUC |
| 202SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) |
| 202SAT 207SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & |
| | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs |
| 207SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) |
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| 207SAT 208SAT 219SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Ivica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Nataliia DEMESHKANT, Sławomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation |
| 207SAT 208SAT 219SAT 225SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Ivica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Nataliia DEMESHKANT, Sławomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation Farid Angga PRIBADI, Banni Satria ANDOKO & Erina SEVIYANTI (Indonesia) Al Tools Experience in Civitas Academic Portal in Timor Leste |
| 207SAT 208SAT 219SAT 225SAT 230SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Ivica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Nataliia DEMESHKANT, Slawomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation Farid Angga PRIBADI, Banni Satria ANDOKO & Erina SEVIYANTI (Indonesia) Al Tools Experience in Civitas Academic Portal in Timor Leste Agostinho Dos Santos GONÇALVES, Sebastião PEREIRA & Saida ULFA (Timor-Leste) Al Literacy Among Lecturers in University: A Case Study in a Private University in Timor Leste Agustinho Dos Santos GONCALVES, Jacinto de OLIVEIRA JUNIOR, Natalino Pereira PARADA & Saida ULFA |
| 207SAT 208SAT 219SAT 225SAT 230SAT 232SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Ivica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Natalilia DEMESHKANT, Slawomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation Farid Angga PRIBADI, Banni Satria ANDOKO & Erina SEVIYANTI (Indonesia) Al Tools Experience in Civitas Academic Portal in Timor Leste Agostinho Dos Santos GONÇALVES, Sebastião PEREIRA & Saida ULFA (Timor-Leste) Al Literacy Among Lecturers in University: A Case Study in a Private University in Timor Leste Agustinho Dos Santos GONCALVES, Jacinto de OLIVEIRA JUNIOR, Natalino Pereira PARADA & Saida ULFA (Timor-Leste) Lecturer Performance Assessment System Based on Tridharma Using Saw Method |
| 207SAT 208SAT 219SAT 225SAT 230SAT 232SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Wica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Natalilia DEMESHKANT, Slawomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation Farid Angga PRIBADI, Banni Satria ANDOKO & Erina SEVIYANTI (Indonesia) Al Tools Experience in Civitas Academic Portal in Timor Leste Agostinho Dos Santos GONÇALVES, Sebastião PEREIRA & Saida ULFA (Timor-Leste) Al Literacy Among Lecturers in University: A Case Study in a Private University in Timor Leste Agustinho Dos Santos GONÇALVES, Jacinto de OLIVEIRA JUNIOR, Natalino Pereira PARADA & Saida ULFA (Timor-Leste) Lecturer Performance Assessment System Based on Tridharma Using Saw Method Anita GUTERRES, Delfim da SILVA & Antonio GUTERRES (Timor-Leste) Al Go-Teacher: Enhancing Creative Thinking in Underserved Areas |
| 207SAT 208SAT 219SAT 225SAT 230SAT 232SAT 233SAT | Practical Skills Acquisition in Domestic Wiring as Determinants of Enterpreneurship Development Among Underdraduate Students in Nigeria Ismaheel Adewale BADRU (Nigeria) Transforming Education in Timor-Leste: The Role of E-Learning and Artificial Intelligence in Boosting Student Achievements Estanislau SOUSA SALDANHA, Edio DA COSTA, Aderita MARIANA TAKELEB, Salustiano DOS REIS PIEDADE & Carla ALEXANDRA DA COSTA (Timor-Leste) Learning with Virtual Avatars: Insights into Performance and Resource Needs Antun DROBNJAK & Ivica BOTICKI (Croatia) MS Teams Acceptance Factors Among Polish and Ukrainian Students Nataliia DEMESHKANT, Sławomir TRUSZ, Tetiana MATUSEVYCH & Amy SEPIOŁ (Poland / Ukraine) Boosting Literacy with an Educational RPG for Polytechnic Students Agung Nugroho PRAMUDHITA, Puteri Ardista Nursisda MAWANGI & Banni Satria ANDOKO (Indonesia) Development of the Board Game 'Career Champion': Gamification for Understanding Job Interview Preparation Farid Angga PRIBADI, Banni Satria ANDOKO & Erina SEVIYANTI (Indonesia) Al Tools Experience in Civitas Academic Portal in Timor Leste Agostinho Dos Santos GONÇALVES, Sebastião PEREIRA & Saida ULFA (Timor-Leste) Al Literacy Among Lecturers in University: A Case Study in a Private University in Timor Leste Agustinho Dos Santos GONCALVES, Jacinto de OLIVEIRA JUNIOR, Natalino Pereira PARADA & Saida ULFA (Timor-Leste) Lecturer Performance Assessment System Based on Tridharma Using Saw Method Anita GUTERRES, Delfim da SILVA & Antonio GUTERRES (Timor-Leste) |



Poster Session 2

Thursday, November 28 16:50–17:50

| 16:50-17: | | |
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| | AIED/ITS | |
| 66P | Quality Criteria Acquisition Support System of Product by Explaining It with Components Kota KUNORI & Tomoko KOJIRI | |
| 74P | Exploring Explainable Artificial Intelligence in Active Video Watching Raul Vincent LUMAPAS, Antonija MITROVIC, Matthias GALSTER & Sanna MALINEN | |
| 87P | A Proposal of Quality Assurance Programming Exercise | |
| 000 | Nobuya ISHIHARA, Samsul HUDA & Yasuyuki NOGAMI Enhancing Engagement in Distance Learning: Overcoming Learner Isolation Through ICT Tools | |
| 89P | Kumiko AOKI, Itaru KANEKO, Ken KURIYAMA, Takeo TATSUMI & Takahiro MIYAJIMA | |
| 96P | Scaffolding Students' III-Structured Problem Solving via LLM — Multi-Armed Bandit Problem as a Case Jiayi LIU & BO JIANG | |
| 102P | Navigating Europe's Artificial Intelligence Act: Application of LLMs in Classrooms Upasana DASGUPTA & Rwitajit MAJUMDAR | |
| 142P | Learning Support Environment with Fill-in-Blank Exercise Based on Program Visualization System Koichi YAMASHITA, Shuya SUZUKI, Satoru KOGURE, Yasuhiro NOGUCHI, Raiya YAMAMOTO, Tatsuhiro KONISHI & Yukihiro ITOH | |
| CSCL | | |
| 38P | Pyzzles: Towards the Design of a Zugzwang-Inspired Learning Tool for Novice Programmers and Its Effect on Debugging Skills and Self-Perceived Debugging Confidence Elijah Justin CALLANTA | |
| 195P | BioAnalogica: SBF-Based Analogical Stories to Enhance Understanding of Complex Biological Processes Meera PAWAR, Sheeja VASUDEVAN & Sahana MURTHY | |
| 198P | Challenging the Eye-Mind Link Hypothesis: Visualizing Gazes for Each Programming Problem Michael T. LOPEZ II | |
| Michael 1. LOPEZ II ALT | | |
| 49P | Program Learning Support System with Visualization Reflecting Teacher's Intent for Learner's Code Kenzo KOBAYASHI, Satoru KOGURE, Yasuhiro NOGUCHI, Raiya YAMAMOTO, Koichi YAMASHITA, Tatsuhiro KONISHI & Yukihiro ITOH | |
| 154P | Development of Annotation System for Learning from Others in Public Space Design Using Extended Reality Toshiki MUGURUMA, Yusuke YAGI, Yusuke KOMETANI, Saerom LEE, Naka GOTODA & Rihito YAEGASHI | |
| 156P | Development of Laborer Digital Twin Generation and Visualization Function for Hazard Prediction in Off-Site Training Kaito MINOHARA, Toshiki MUGURMA, Yusuke KOMETANI, Naka GOTODA, Saerom LEE, Ryo KANDA, Shotaro IRIE & Toru HARAI | |
| 176P | HyCode: A Code Similarity Assessment Tool Utilizing Recurrent Neural Networks James Marcel A. ABAWAG, Aleczia S. TORDILLA & Joshua C. MARTINEZ | |
| 178P | Empowering Educational Researchers with a Privacy-Centric Data Platform: Design, Implementation, and Implications Isanka WIJERATHNE, Brendan FLANAGAN & Hiroaki OGATA | |
| 199P | Exploring the Relationship Between Assignment Submission Behavior and Final Grade of Information Literacy Education Using Big Data Yuki OE, Etsuko KUMAMOTO, Huiyong LI & Chengjiu YIN | |
| 5P | EGG Exploring the Effects of Leaderboards on an Online Professional Development Course for Teachers Aime Michelle LAZARO & Marlene DE LEON | |
| 170P | Game-Based College English Translation Instructional Design Based on Representational Redescription Model: Implicit Knowledge Transformed into Explicit Knowledge Xinyu JIANG, Mengya CHEN & Lu HUANG | |
| | PTP | |
| llP | Online Student Testlet-Generation as an Innovation Approach to Student-Created Assessment Its Learning Effects Fu-Yun YU & Ya-Shin CHANG | |
| 110P | Al and Data Science Literacy Framework for Educators Nurul Amelina NASHARUDDIN, Nurfadhlina MOHD SHAREF & Mohd Khaizer OMAR | |
| 138P | Challenges to Augmenting Literacy in the Digital Environment Khalid KHAN & Jon MASON | |
| 169P | Unboxing Learner Engagement in an Online SEL for Teachers Course on FramerSpace | |
| | Hritik GUPTA, Nandini Chatterjee SINGH & Shitanshu MISHRA WIPP | |
| 221WIPP | Influence of Telepresence Robot on Discussion in Hybrid Classes | |
| 234WIPP | Hiroaki ARUGA & Akihiro KASHIHARA Proposal for Simulation Environment to Support Understanding of Tactical Positioning | |
| | Yuki OHTSUKA & Tomko KOJIRI An Online MMORPG Card Game Based on Multi-Dimensional Scaffolding to Develop Reading Comprehension | |
| 240WIPP | and Contextual Problem-Solving Skills Cheng-Tai LI, Chou-Pai YEOH, Yu-Chi CHEN, Hung-Yu CHAN, Yun-Chien CHUNG, Yu-Jen LIN, Min-Hsiong HONG, Cheng-Yuan WEI & Huei-Tse HOU | |
| 249WIPP | Instructors' Perceptions and Use of Feedback Dashboard | |
| 255WIPP | Feng LIN & Rebekah Wei Ying LIM Exploring Student Emotion via Facial Expressions Using Transfer Learning Tita HERRADURA, Macario CORDEL II & Merlin Teodosia SUAREZ | |
| 263WIPP | The Effect of Stimulus Concurrence on Memorizing Constellations in VR | |
| | Nicko CALUYA, Eiji YAHARA & Damon CHANDLER | |