END 2025 CONFERENCE PROGRAM

	Friday, June 27 (Only for conference check-in)
17:00 – 18:30	Welcome Desk – Information and registration (Room Venus)

	Saturday, June 28
08:30 – 19:30	Welcome Desk – Information and registration (Room Venus)
09:45 – 10:00	**OPENING SESSION** (Room Helia)
10:00 – 11:00	**Keynote Session** (Room Helia)	***Reimagining cross-disciplinary active learning methodologies to engage EFL students*** by Dr. Diane Boothe, Director of P-20 Outreach and Professor, Department of Literacy, Language and Culture, College of Education, Boise State University, USA
11:00 – 11:30	***Coffee Break***	
11:30 – 13:10	**PROJECTS AND TRENDS Challenges and transformations in Education** Oral Presentations Parallel Session OPS_28.1 (Room Helia) *Chair: Patricia Arnold*	***Navigating contradictory expectations: Challenges in preparing for the games, animation and VFX industries*** (OP_057) Silke Hassreiter, A. Treshi-Marie Perera, Tuki Clavero, Lindsey Bouwels, & Mata Haggis-Burridge ***Narration to promote restorative attitudes in adolescents*** (OP_466) Paola Nicolini, Lina Caraceni, Alessandro Maranesi, & Veronica Guardabassi ***Artificial intelligence and children's mental health: The two sides of the coin*** (OP_323) Eva N. Patrikakou ***The interaction between school social workers and teachers: The development of Hungarian school social work in a global context*** (OP_387) Andrea Farmosi ***Exploring communities of practices: Transforming sustainable emergent mathematics in grade R classrooms*** (OP_409) Glynnis Daries, & Deborah Arasomwan
11:30 – 13:10	**TEACHING AND LEARNING Science and technology Education** Oral Presentations Parallel Session OPS_28.2 (Room Orion) *Chair: Ned Ladd*	***Employing Kahoot gaming tool to teach electromagnetic propagation and signal transmission through optical fibers*** (OP_074) Nikolaos Voudoukis, Gerasimos Pagiatakis, Dimitrios Uzunidis, & Dimitrios Karaoulanis ***The emergence of STEAM and its pedagogical implications: A re-evaluation of the psychomotor domain*** (OP_437) Uchenna Kingsley Okeke, & Sam Ramaila ***Digital learning communities: A streamlined approach to learning support in technology education*** (OP_416) Janak Adhikari, Neil Anderson, & Aidan McGowan ***Student competitions: Opportunities to practice interdisciplinary knowledge in practical problem solving*** (OP_365) Jaana Taar, Kristi Paas, & Tiina Vänt ***Using concept maps to enhance students' comprehension of telecommunications*** (OP_073) Gerasimos Pagiatakis, Nikolaos Voudoukis, Dimitrios Uzunidis, & Dimitrios Karaoulanis

11:30 – 13:10	**PROJECTS AND TRENDS** **Inclusive and Special Education** Oral Presentations Parallel Session OPS_28.3 (Room Panorama) *Chair: Jay Woodward*	*Butterfly-piano: A differentiated learning proposal, based on the American group piano methodology, for children with Autism Spectrum Disorder* (OP_471) Priscila Gambary *Students with disabilities in higher education: Coping strategies as a key to achieve academic success* (OP_389) Rafael Carballo, & Therese M. Cumming *Academic responsibility in Artificial Intelligence (AI): Lecturers' views on cultivating ethical chatbots* (OP_510) Paseka Patric Mollo *Quality of life of parents with children with and without disabilities during Covid-19 restrictions: An exploratory study* (OP_297) Lefkothea Kartasidou, Maria Platsidou, Eleni Kyriakidou, Aristi Trokana, Georgia Diamantopoulou, & Pagona Leonidou *Making new friends: An experience report on the use of the group piano methodology with young people with intellectual disabilities from the Associazione Nuovi Amici in Recanati (Italy)* (OP_470) Priscila Gambary
11:30 – 13:10	**TEACHERS AND STUDENTS** **Teaching and learning relationship** Oral Presentations Parallel Session OPS_28.4 (Room Mercure) *Chair: Christina Gilhuber*	*Beginner teachers' cries for help: The role of the school management team* (OP_137) Anthony Mpisi, & Chinyama Nyarai *Students' systematic repetition as a framework for learning algebra: A case study from teachers' professional development* (OP_032) Natalia Karlsson, & Wiggo Kilborn *Concept definition and concept image of basic spatial geometry concepts among junior high-school pupil* (OP_528) Shaker Rasslan, & Samaher Zoabe *Examining the effect of learning management systems (LMSS) on part-time lecturers' teaching practices at a South African university of technology* (OP_531) Walter Matete, Paseka Mollo, & Bridget Mangwegape *Conceptualization of a diagnostic teaching discourse: A case study* (OP_033) Natalia Karlsson, & Wiggo Kilborn
13:10 – 14:30	*Lunch*	
14:30 – 16:10	**PROJECTS AND TRENDS** **Educational projects** Oral Presentations Parallel Session OPS_28.5 (Room Helia) *Chair: Antonis Hourdakis*	*Examining the role of life sciences subject advisors in collaborative teacher professional workshops: A multiple case study of northern Kwazulu Natal* (OP_512) Nomzamo Xaba *Advancing STEM success at a rural institution: Implementation, challenges and opportunities* (OP_146) Kuldeep Rawat, & Gloria Payne *Preservice teachers as participants in a lesson study research project: Lessons learnt* (OP_020) Tracey Herman *Enhancing rural life sciences teachers' practical work competencies through a collaborative approach to teacher professional development* (OP_500) Nomzamo Xaba, Mayaba Brian Nhlumayo, & Aviwe Sondlo *Application of augmented reality for working memory improvement to develop executive functions: A case study* (OP_129) Alba Gilabert-Cerdá, & Elena Pérez-Vázquez

14:30 – 15:30	**TEACHING AND LEARNING** **Early childhood and Primary Education** Oral Presentations Parallel Session OPS_28.6 (Room Orion) *Chair: Wendy Ruchti*	*Examining the effects of a school-wide positive behavior support on young children's social skills* (OP_376) George Manolitsis, Anastasia Vatou, Maria Tsitidirou, & Vasilis Grammatikopoulos *The impact of incorporating didactic games in arithmetic lessons at the rudimentary level* (OP_581) Fitzgerald Abakah, Albert Antwi, & Edward Osei-Boakye *Critical literacy, literature and affect through students' voices: Analyzing foreign language education practices* (OP_330) Guilherme Jotto Kawachi
14:30 – 16:30	**ORGANIZATIONAL ISSUES** **Human Resources development** Oral Presentations Parallel Session OPS_28.7 (Room Panorama) *Chair: Veronica Guardabassi*	*Rethinking academic review processes: Institutional agility in the era of AI-driven change* (OP_047) Michael G. Wagner *Prospects for the use of artificial intelligence in Russian higher education* (OP_225) Valentina Gerasimenko, & Maria Ulyanova *Tuition waivers and educational equity: Supporting former youth in care in higher education* (OP_042) Dale Kirby *Middle leadership and inclusive education in Portuguese schools abroad: Cases from Cape Verde and Mozambique* (OP_339) Ana Paula Silva, Teresa Santos, & Alcina de Oliveira Martins *Introducing design thinking to identify teacher and student needs* (OP_061) Sophie Farag *The impact of extended curriculum programmes: Graduation trends and student narratives* (OP_445) Jeanine Mwambakana-Mutombo
14:25 – 15:45	**TEACHERS AND STUDENTS** Oral Presentations Parallel Session OPS_28.8 (Room Mercure) *Chair: Bernadette Geduld*	*Exploring sexuality in educational and teaching degree programs* (OP_055) Valeria Bruno, & Emiliane Rubat Du Mérac *Utilizing knowledge and AI cooperation approaches in professional music training — the TUT experience* (OP_048) Hua Hui Tseng *Addressing the need for comprehensive sexuality education in Italy* (OP_056) Valeria Bruno, & Emiliane Rubat Du Mérac *Promoting hands-on learning experiences for social economy students through a competence-based curriculum powered by NBS* (OP_526) Christina Galani, Wojciech Maciejewski, Justyna Franczyk, Filipa Silva, Dimitra Manou, & Sofia Garane
15:35 – 16:20	**WORKSHOP** WS_28.9 (Room Orion)	*Teaching creative presentations* (WS_083) Izabela Walczak
15:50 – 16:35	**WORKSHOP** WS_28.10 (Room Mercure)	*The 5 CS framework for effective assessment communication in higher education* (WS_037) Elaine Walsh, & John Knight
16:30 – 17:00	*Coffee Break*	

17:00 – 19:20	**PROJECTS AND TRENDS** **Technology in teaching and learning** Oral Presentations Parallel Session OPS_28.11 (Room Orion) *Chair: Thomas Jambor*	***The AI productivity divide: Emerging inequities in AI-enhanced education*** (OP_044) Darya Ramezani, & Michael G. Wagner ***Adolescents' emotional responses to a suicide attempt shared on social media: Insights from collective intelligence*** (OP_393) Raquel Lozano, Sonia Valero, & Montserrat Aiger ***Exploring the potentials and limitations of AI-based cad design for mechanical engineering*** (OP_469) Michael Wendland ***LLM agents: Advancing truly personalized online education*** (OP_558) José Ochoa-Luna, Ricardo Lazo, & Manfred Meyer ***The role of generative AI in transforming educational practices*** (OP_293) Nora Gavira-Duron, Ana Lorena Jiménez Preciado, Angélica Alonso-Rivera, & Claudia M. Ramirez-Culebro ***A generative AI mathematics companion for self-regulated learning based on autotutor*** (OP_448) Yi-Jin Ju, Tianjiao Yin, Cheng-Hsuan Li, Pei-Jyun Hsieh, & Yi-Ting Liao ***Model of functional literacy for teachers concerning the application of 3D printing in secondary schools*** (OP_039) Tetjana Tomášková, Jan Krotký, & Jarmila Honzíková
17:00 – 18:30	**Poster Presentations** Parallel Session PS_28.12 (Room Helia)	***Transitioning professional curricula to workforce development training: Bridging education and employment*** (P_209) Nancy Nisbett, & Brandon Taylor ***Integration in workforce of Québec adults living with Autism Spectrum Disorder or Asperger syndrome*** (P_276) Carole Sénéchal, & Serge Larivée ***Assessing student performance and development for sustainable higher education*** (P_316) Anca Simion, & Otilia Bersan ***Higher education for social educators in Italy: The impact of the initial training experience on competencies development*** (P_442) Maria Grazia Rionero ***CP and teacher education: The case of a postgraduate program (P.S.P.) at the university of Crete, Greece*** (P_444) Pelagia Kalogiannaki ***Communication and self-care training for non-teaching university employees*** (P_527) Lenka Hudáková, Viktória Hičárová, & Marta Dobrowolska Kulanová ***Application of project-based learning didactics for a first-year course of electronic engineering*** (P_538) Ta-Chi Jeang, Hung-Cuong Thai, Jun-Ping Shiau, Chia-Jui Yueh, & Hung-Yu Wang ***Bridging the gap: Teachers' perspectives on the transition from preschool to primary school*** (P_069) Carlotta Degli Esposti, & Ada Cigala ***Pharmpath: Virtual immersive simulations and in-person experiential opportunity in pharmacy education for secondary and post-secondary students from underrepresented communities*** (P_152) Aleksandra Bjelajac Mejia, Lachmi Singh, Leanne M Perry, Jada D'Sa, Mia Maljevic, & Ryan Keay ***Understanding special education teachers' language ideologies*** (P_182) Melissa McGraw ***Spiritual deficiency within health care education*** (P_294) Nancy-Angel Doetzel ***Analysis for characteristics of low-achievers and construction of a classification model using programming data*** (P_324) Takuya Hasegawa, & Yosuke Ito ***Foreign language education, critical thinking and educational practices: Analyzing student productions through a decolonial lens*** (P_331) Guilherme Jotto Kawachi

		The 2024 total solar eclipse as a driver for engagement and research collaboration between high school and college students (P_343) Ned Ladd, Treavor Kendall, & Brian Garthwaite
		Using monthly workshops to drive engagement and repeat visits at the Mcauliffe-Shepard Discovery Center (P_344) Ned Ladd, & Amanda Leith
		The nutrition nexus: Educating on the science, ethics and health impact of food choices (P_372) Argyro Kyparissi, & Lefkothea-Vasiliki Andreou
		Socio-pedagogical educators and teachers in ECEC services: What is the initial and in service training for professional competencies (P_443) Maria Grazia Rionero, Patrizia Sposetti, & Giordana Szpunar
		Cognitive and linguistic factors predicting different reading comprehension skills in third and fourth grade students (P_460) Ioannis Grigorakis
		The violence condition: An active learning STREAM lesson plan for high school students and undergraduates (P_540) Nikolaos Katsanos, Alexandra Miari, Argyro Kyparissi, & Lefkothea-Vasiliki Andreou
		Unpacking the needs and challenges of embedding soft skills in STEM curricula in EU HEIs (P_552) Christina Galani, Tomasz Noszczyk, Arkadiusz Dyjakon, Paulina Budryte, Tautvydas Bokmota, Alessandra Tomasini, Francesca Concia, Schleutker Kai, & Cátia Barbosa
		The connection between gut-brain axis, anxiety and learning: A micro-scenario for high school students (P_557) Maria Anastasiou, Maria-Panagiota Sarafi, Alexandra Miari, & Lefkothea-Vasiliki Andreou
		Artificial intelligence and individual's education values: Latvian experience (P_215) Lasma Balceraite, & Velta Ļubkina
		Development of the university research center and transfer of its results and new knowledge into teaching (P_332) Miloslav Kepka, & Vladislav Kemka
		Feasibility and efficacy of an intervention promoting cognitive skills of socioeconomically disadvantaged Romani children (P_353) Lili Madár, & Réka Kassai
		Factors influencing career motivation in the Lithuanian energy sector (P_362) Tomas Butvilas, & Ugne Supranaviciene
17:00 – 19:00	**TEACHERS AND STUDENTS** **Curriculum and Pedagogy //** **Assessment and** **measurements in Education** Oral Presentations Parallel Session OPS_28.13 (Room Mercure) *Chair: Lela Abdushelishvili*	***ME&MYCITY project and entrepreneurship education*** (OP_084) Auli Ojala ***Teaching Romani literatures in a global classroom*** (OP_570) Anita Tarnai ***Theoretical lesson framework or design organizational chart*** (OP_541) Claudia Veronica Ciobanu ***Review of the literature in learning support in STEM education at the higher education level*** (OP_388) Janak Adhikari, Neil Anderson, & Aidan McGowan ***Student teachers' beliefs about self-assessment*** (OP_284) Ida Szucs Zagyvane ***Defining and measuring student learning*** (OP_296) Clay M. Starlin, & Sue Fan Foo

17:00 – 17:45	**WORKSHOP** WS_28.14 (Room Panorama)	*Developing teachers' prompting competence using ChatGPT: A collective anti-shortcut approach* (WS_131) Björn Sjödén, & Jeroen Lievens
17:50 – 19:30	**PROJECTS AND TRENDS** **Pedagogic innovations** Oral Presentations Parallel Session OPS_28.15 (Room Panorama) *Chair: Evelina Atanassova*	*The effect of length measurements digital gamification on Van Hiele levels of geometric thinking* (OP_517) Amtiaz Fattum, Fahda Sawid, & Amal Sharif-Rasslan *Exploring tinker toys as a tool for reducing anxiety and enhancing group dynamics in college students* (OP_417) Tricia Hudson Matthew, & Harvey Bowden II *Teaching teamwork: Enhancing learning and collaboration in higher education through a structured program* (OP_394) Nirmani Wijenayake *Mathematical anxiety mitigation through the development of self-regulated learning skills* (OP_518) Amal Sharif-Rasslan, & Amtiaz Fattum *Artificial intelligence in special education: Perspectives from South African special needs educators* (OP_513) Thabiso Nkohli, Paseka Mollo, & Lukanda Kalobo

	Sunday, June 29
08:10 – 15:30	Welcome Desk – Information and registration (Venus)

08:20 – 11:00	**PROJECTS AND TRENDS Technology in teaching and learning** Oral Presentations Parallel Session OPS_29.1 (Room Uranus) *Chair: Nora Gavira Duron*	***Preparing nursing students for the digital future: A narrative inquiry self-study of two nursing professors*** (OP_183) Rick Vanderlee, & Louela Manankil-Rankin ***Risk of misinformation in the use of LLM by university students*** (OP_378) Gibrán Aguilar Rangel, Claudia Cintya Peña Estrada, Omar Bautista Hernández, & Luis Ambrosio Velázquez García ***Conditions affecting learning on the collective learning platform - a study with secondary school students*** (OP_244) Santos Orejudo, Raquel Lozano, & Carmen Elboj ***Trolling in virtual learning spaces: A proposal for analysis from collective learning*** (OP_247) Sonia Valero-Tapia, Pablo Bautista, & Santos Orejudo ***Transforming electronics education with AI: A challenge-based learning approach*** (OP_411) José Manuel Bravo-Pacheco, Sergio Esteban-Romero, Iván Martín-Fernández, Manuel Gil-Martín, & Fernando Fernández-Martínez ***Beyond the algorithm: Exploring student acceptance of AI grading through an adapted TAM framework*** (OP_560) Hayden Noel, Adam King, Julia Sabin, Jamal Bell, & Kay Gomes Saul ***Natural hazards and environmental sustainability: Using escape room as a learning tool*** (OP_058) Giovanna Lucia Piangiamore, & Alessandra Maramai ***Implementation of the Tale-Bot Robot for developing executive function in planning and organisation: Pilot Test*** (OP_104) Elena Pérez-Vázquez, & Alba Gilabert-Cerdá
08:50 – 10:10	**ORGANIZATIONAL ISSUES** Oral Presentations Parallel Session OPS_29.2 (Room Panorama) *Chair: Ana Paula Silva*	***Navigating university structures as non-traditional students with competing life priorities*** (OP_380) Daniel Woldeab ***Virtuous leadership, happiness and performance of teachers and staff: The moderating role of internal communication*** (OP_103) Neuza Ribeiro, Daniel Roque Gomes, Joana Godinho, & Pooja ***Switching costs in school choice systems*** (OP_350*)* Matías Morales Cerda ***Competence management in remote healthcare*** (OP_373) Sonja Kari, Nina Helander, & Jussi Myllärniemi
09:00 – 11:00	**TEACHERS AND STUDENTS Teachers and Staff training and education // Training programmes and professional guidance** Oral Presentations Parallel Session OPS_29.3 (Room Mercure) *Chair: Sue Foo Starlin*	***Exploring mentorship experiences of bachelor of education student teachers during teaching practice: Perspectives on conflict of mentor and mentee roles*** (OP_506) Ratokelo Willie Thabane ***Teachers' professional identity at the forefront of cinema screens: Success stories and challenges*** (OP_300) Eitan Simon ***Video and active learning: Exploring the role of films in training future dance teachers*** (OP_205) Tatiana Sanches ***"Flying school of teaching internships" – in search of an alternative model for implementation of teacher internship*** (OP_355) Agnieszka Koterwas, Edyta Nowosielska, & Małgorzata Zambrowska ***The dilemma of teaching Arabic as a second language*** (OP_179) Loay Badran ***Modelling and reflection on instructional activities (MaRIA) framework: The voice of participants in the TAP-TS project*** (OP_425) Bento Cavadas, Neusa Branco, Elisabete Linhares, Susana Colaço, Conor Galvin, & Elena Revyakina

09:10 – 10:10	**Poster Presentations** Parallel Session PS_29.4 (Room Orion)	***The use of 3D printing as a didactic tool in technical drawing education with an emphasis on ecodesign*** (P_040) Tetjana Tomášková, Jan Krotký, & Jarmila Honzíková ***Empowering innovation: The role of generative AI in transforming projects for university students*** (P_082) Karen McGivern ***Creative thinking: Learning from a new perspective*** (P_088) Rui Braz, & Ana Lúcia Luís ***Innovative tutor training: The development of a gamified digital escape room for enhancing teaching competencies*** (P_109) Michelle Pippig, & Sabrina Hänsel ***Developing a physical therapy program with emphasis on increasing accessibility for rural and underserved communities*** (P_172) Peggy R. Trueblood, & Jennifer Fleckenstein ***A systematic literature review of interventions promoting the social inclusion of elementary school children with ethnic minority and immigrant background*** (P_354) Lili Madár, Réka Kassai, Anikó Fehérvári, & Anna Kende ***Intentional harmony: Building an integrated environment in a culturally diverse TESOL classroom*** (P_374) Hagit Rifinski ***Enhancing academic teaching processes through a PBL facilitation model*** (P_420) Naama Katz, & Orit Lahav ***Optimizing competency-based learning in engineering: A study on the best-fit methodologies for transversal skills*** (P_435) Fernando Martínez-Gil, Consolación Gil, Jorge Ventura, & Julio Molleda ***Sustainability in STEM: Teaching energy awareness in ICT through interdisciplinary approaches*** (P_436) Fernando Martínez-Gil, Consolación Gil, Jorge Ventura, Viktor Isanbaev, Raúl Baños, & Alfredo Alcayde ***The revolution of artificial intelligence in the classroom: An experience in engineering*** (P_446) Jorge Ventura, Fernando Martínez-Gil, & María Dolores Gil ***Evaluating the learning effectiveness of technology-supported mathematics conjecture teaching in elementary schools*** (P_452) Shu Chuan Shih, & Po Fu Chen ***Analysis of the impact of virtual reality on the learning of abstract concepts in engineering*** (P_459) Jorge Ventura, Fernando Martínez-Gil, & María Dolores Gil
10:15 – 11:00	**WORKSHOP** WS_29.5 (Room Panorama)	***Go and gamify away*** (WS_211) Bárbara Andrez, Paula Menino Homem, & Maria Manuela Pinto
10:15 – 11:00	**WORKSHOP** WS_29.6 (Room Orion)	***Fast-track your research with GenAI: Essential tools and best practices for responsible use*** (WS_128) Jeroen Lievens, & Björn Sjödén
11:00 – 11:30	*Coffee Break*	
11:30 – 13:10	**PROJECTS AND TRENDS** **Pedagogic innovations** Oral Presentations Parallel Session OPS_29.7 (Room Panorama) *Chair: Diane Boothe*	***Merging physics and anatomy: Innovations in teaching human body mechanics*** (OP_287) Hashini Mohottala, Agnieszka Machowski, Muhammed Umair, & Joseph Lothamer ***Critical enbiagogy (Εμβιαγωγική): Biocentric (interspecies) critical-praxical education & communication beyond human beings – de-anthropocentrism*** (OP_288) Antonis Hourdakis, Yannis Ieronymakis, & Marina Souka ***Incorporating microcredentials into higher education instruction: A case study*** (OP_259) Jay Woodward, Noelle Sweany, Chris Cherry, & Patricia Grant ***The inclusive framework of the ABMOVE! Project: Enhancing mathematics learning through active breaks*** (OP_544) Maria Moscato, Valeria Di Martino, Clarissa Sorrentino, Federica Raho, Rosa Bellacicco, & Francesca Capone ***Hacking the hackathon: A tool fit for management education in the era of grand challenges?*** (OP_539) Sandrine Stervinou, Jennifer Goodman, Laurent Noël, Aline Polipowski, & Jean-Marc Charlot

11:30 – 13:10	**TEACHERS AND STUDENTS** **Vocational education and Counseling // Ubiquitous and lifelong learning** Oral Presentations Parallel Session OPS_29.8 (Room Mercure) *Chair: Bridget Mangwegape*	*The extracurricular professional internship in the teacher training program in the vocational field of healthcare* (OP_049) Martin Karstädt *Interest and cognitive self-regulation in instrumental instruction students: An exploratory study* (OP_254) Yailin Martínez-Hierrezuelo, Isabel Marín Conesa, & María del Mar Bernabé Villodre *Ubiquitous and lifelong learning: A Latin American experience* (OP_349) Claudia Cintya Peña Estrada, Gibrán Aguilar Rangel, Omar Bautista Hernández, & Luis Ambrosio Velázquez García *Artificial intelligence tools in specialized MBA coursework for medical professionals* (OP_408) Les M. Sztandera, & Adam Dicker *Development of a driving style feedback method aimed at adaptive learning in safe driving education* (OP_489) Maki Arame, Yoshiko Goda, Masashi Toda, & Junko Handa
11:30 – 13:10	**TEACHING AND LEARNING** **Research and development methodologies // Health Education** Oral Presentations Parallel Session OPS_29.9 (Room Orion) *Chair: Nancy-Angel Doetzel*	*What helps you to learn? Insights from university students and feedback from neuroscience* (OP_515) María Ángeles Vicente-Torres *Fostering development of patient-centred communication skills in Chinese medical education: Insights from a transnational undergraduate program* (OP_264) Pamela Brett-MacLean, Chen Xie, Wang Jian, Zhu Xueqiong, Wang Xiaoshang, Chen Liuyun, Li Sijia, Amelia McNiven Fontani, & Tracey Hillier *Rethinking technology-driven simulation in health education: A qualitative evaluation of low-fidelity approaches* (OP_113) Susan Canning *Teaching law in the age of AI: Time for curriculum reform?* (OP_237) Allison Geduld *Innovative teaching strategies to ensure student engagement in class* (OP_566) Lela Abdushelishvili
11:30 – 13:10	**PROJECTS AND TRENDS** **New learning and teaching models** Oral Presentations Parallel Session OPS_29.10 (Room Uranus) *Chair: Youwen Ouyang*	*Health promotion through facilitating mastery, participation and motivation in secondary school* (OP_418) May Olaug Horverak, Gerd Martina Langeland, Emre Sari, & Tommy Haugen *Student perception of the impact a World Café approach has on transversal skills* (OP_173) Ann Kirby, & Jane Bourke *Towards global intercultural & interdisciplinary project-based learning: The evolution of the GIPE educational model* (OP_462) Manfred Meyer *Enhancing active learning in advanced database courses through an educational escape room approach* (OP_062) Vicente R. Tomás, Sandra Catalán, María I. Castillo, Rocio Carratalá, & Iván Monzón *Hybrid action-oriented learning and teaching: A transformative approach to vocational education* (OP_080) Thomas N. Jambor
13:10 – 14:30	*Lunch*	
14:30 – 15:30	**ORGANIZATIONAL ISSUES** **Educational environment** Oral Presentations Parallel Session OPS_29.11 (Room Mercure) *Chair: Dale Kirby*	*Factorial validity and reliability of the Greek version of school life questionnaire* (OP_337) Maria Platsidou, Georgia Diamantopoulou, Pagona Leonidou, Lefkothea Kartasidou, Aristi Trokana, & Eleni Kyriakidou *Conceptualising the science kitchen as a makerspace* (OP_451) Jaana Taar, Kristi Paas, & Tiina Vänt *"Qui Val di Fiastra": A territory education project with children and adolescents* (OP_454) Alessandro Maranesi, & Paola Nicolini

14:30 – 15:30	**TEACHING AND LEARNING Science and technology Education** Oral Presentations Parallel Session OPS_29.12 (Room Orion) *Chair: Gerasimos Pagiatakis*	***Teachers' TPACK: Evaluating the strengths and weaknesses of online assessment in K-12 science instruction*** (OP_283) Uchenna Kingsley Okeke, & Sam Ramaila ***STEM and space: Advancing real world aerospace to pre-college students*** (OP_050) Shawna L. Christenson, John D. Moore, & Kevin L. Simmons ***Redefining STEM education: Initiating and developing a pre-college aerospace team*** (OP_099) Evan L. Barron, Elizabeth H. Kniskern, Kevin L. Simmons, & Shawna Christenson
14:30 – 15:30	**PROJECTS AND TRENDS Challenges and transformations in Education** Oral Presentations Parallel Session OPS_29.13 (Room Uranus) *Chair: Manfred Meyer*	***Education in the times of posthumanism*** (OP_160) Valerija Vendramin ***The ethnographic AI: Exploring the future of academic writing with Artificial Intelligence*** (OP_191) Patricia Arnold ***Creating educational paths for university students to address societal problems*** (OP_312) Les M. Sztandera
14:30 – 15:15	**WORKSHOP WS_29.14 (Room Panorama)**	***Enhancing assessment design to mitigate AI vulnerabilities and foster AI literacies*** (OP_262) Dhanushi Abeygunawardena
15:35	**Social Event (Tour and Dinner)**	

Monday, June 30	
08:30 – 13:00	Welcome Desk – Information and registration (Venus)
09:00 – 11:00	**PROJECTS AND TRENDS** **Technology in teaching and learning** Oral Presentations Parallel Session OPS_30.1 (Room Panorama) *Chair: Nirmani Wijenayake*	***Digital fluency in higher education: Investigating technology integration in pedagogical practices of Portuguese educators*** (OP_204) Tatiana Sanches, Mariana Batista, Cristina Duarte, & Joana P. Miranda ***Empowering or impairing? The effect of generative AI on class teamwork, learning and engagement*** (OP_485) Evelina Atanassova, & Diana Cabori ***Artificial intelligence assessing content-focused short answers*** (OP_196) Juuso Rytilahti, Erkki Kaila, & Erno Lokkila ***Exploring the use of artificial intelligence in rubric production and detection of reviewer's bias*** (OP_195) Juuso Rytilahti, Erkki Kaila, & Erno Lokkila ***AI in economics and finance education: Innovations, challenges, and future directions*** (OP_440) Luis Enrique García Pérez ***Virtual laboratories as a way to enhance students learning in biosciences*** (OP_325) Angel Herráez
09:00 – 11:00	**TEACHING AND LEARNING** **Secondary Education; Higher Education** Oral Presentations Parallel Session OPS_30.2 (Room Orion) *Chair: Clay Starlin*	***Inclusion of learners with barriers to learning in mainstream schools: A psycho-social support intervention*** (OP_105) Appolonia Masunungure, Thabo Makhalemele, Matabe Rosa Modiba, & Omphile Madiba ***"How will I manage?" Students' perceptions and expectations before an exam*** (OP_569) Giulia Maria Cavaletto, & Federica Cornali ***Mystical poetry and sport: An experience of didactic transposition based on the students' interest*** (OP_255) Yailin Martinez-Hierrezuelo, & Betsaida Sedano Muñoz ***A constructivist pathway to refreshing mathematical understanding*** (OP_095) András Margitay-Becht ***Strategies to improve student engagement: Comparison of assessment results and student feedback*** (OP_422) Ana Paula Nolasco, Maria Paula Oliveira, & Paolo Vettori ***Self-confidence and the factors that influence the pursuit and perceived value of an individualized degree*** (OP_381) Daniel Woldeab
09:00 – 11:00	**TEACHERS AND STUDENTS** **Teachers and Staff training and education // Educational quality and standards** Oral Presentations Parallel Session OPS_30.3 (Room Mercure) *Chair: Natalia Karlsson*	***The association rules for high school teachers in Taiwan participating in in-service continuing education courses*** (OP_203) Lung-Hsing Kuo, & Pei-Hua Tsai ***Exploring teachers' perceptions of self-regulated learning in primary schools: Insights from intermediate-phase teachers in South Africa*** (OP_213) Keneilwe Agbenyegah, & Bernadette Geduld ***Students' mathematics self-efficacy and mathematical literacy abilities*** (OP_256) Eleni Nolka ***Exploring Ubuntu: Teaching characters in selected drama text as a means of "sharing" and community building*** (OP_530) Bridget Mangwegape ***An exploration on the association rules of secondary education teacher qualification examination in Taiwan*** (OP_202) Lung-Hsing Kuo, & Pei-Hua Tsai ***The intersectionality of multilingualism and disability: Increasing preservice teachers' knowledge through a webinar*** (OP_111) Christina S. Gilhuber, Woongsik Choi, & Melissa McGraw
11:00 – 11:30	***Coffee Break***

11:30 – 12:50	**ORGANIZATIONAL ISSUES** **Equity, social justice and social change** Oral Presentations Parallel Session OPS_30.4 (Room Orion) *Chair: Jeanine Mwambakana*	*Examining the experiences of paraprofessional of color in an online grow your own teacher education program* (OP_414) Joy Myers, Bryan Zugelder, Oris Griffin, & Leonard Richards *Imagining a friend with an autistic spectrum disorder: Inclusion strategies for social relations* (OP_456) Veronica Guardabassi *The right to basic education in South Africa: Equality discrimination by the state* (OP_338) René Elmari Viviene Pillay *When cyberbullies are girls: A survey with adolescents* (OP_458) Veronica Guardabassi, Alessandro Maranesi, Benedetta Smargiassi, Elisa Cirilli, & Paola Nicolini
11:30 – 12:30	**PROJECTS AND TRENDS** **New learning and teaching models** Oral Presentations Parallel Session OPS_30.5 (Room Panorama) *Chair: Valerija Vendramin*	*A case study of the similarities and differences between teaching the same curriculum online and offline* (OP_258) Marcin Fojcik, Bjarte Pollen, Gunilla Kula, Irene Sjursen, & Martyna Katarzyna Fojcik *Pre-service teacher perspectives: The role of creativity in generative AI* (OP_568) Shaun Nykvist, Christine Nykvist, & Inger Langseth *Artificial intelligence and educational management: Threat or challenge for school leaders* (OP_356) Paraskevi Chatzipanagiotou
11:30 – 12:30	**PROJECTS AND TRENDS** **Challenges and transformations in Education** Oral Presentations Parallel Session OPS_30.6 (Room Mercure) *Chair: Michael Wagner*	*A framework for understanding STEM focused schools* (OP_038) Wendy P. Ruchti, & Cory A. Bennett *Promoting equal opportunities through textbooks* (OP_453) Paola Nicolini, Greta Mancini, Evelyn Manoni, & Veronica Guardabassi *Examining gender and race within an equity intervention in computer science introductory college courses* (OP_223) Youwen Ouyang, Marisol Clark-Ibanez, & Flor Saldana
12:50 – 13:00	**CLOSING SESSION** (Room Panorama)	

In parallel with the in-person sessions, all participants can follow the virtual presentations available below.

Virtual Presentations - Please check at https://end-educationconference.org/virtual-presentations/	
All Areas Virtual Presentations	*Possibilities of using Aharon Appelfeld´s publication Adam and Thomas in teaching literary education* (VP_022) Milan Mašát *Natural talent: creating opportunities for aspiring actors in dramatic arts* (VP_063) Limkani Sincuba *Predicting success in engineering studies: Challenges of early detection of weak signals of STEM-related aptitudes* (VP_070) Alina Florentina Grigorescu (Pîrvu), & Cezar Scarlat *Action research as a driver of pedagogical innovation: A comparative study of Italian and Spanish teacher education models* (VP_079) Alessandro Barca, Donatella Donato, & Maria Concetta Carruba *Examining teacher perspectives on inclusive education: Insights from south African educators* (VP_143) Mziwonke Luningo, Christabel Dudu Mantlana, & Limkani Sincuba *Experiencing university life away from home: An exploratory study on homesickness in off-site students* (VP_148) Paola Corsano, Rosa Triunfo, Cristiana Punzi, & Laura Guidotti *I could not have said it better myself – student insights into oral examinations in higher education* (VP_187) Pasi Hellsten *Between a rock and a hard place – insights from teaching assistants in higher education* (VP_194) Pasi Hellsten *Scaffolding in-service science teachers for developing epistemic empathy* (VP_239) Valentina Bologna, & Caterina Bembich *Exploring pre-service economics teachers' perceptions of micro-teaching: Insights and challenges in teacher preparation* (VP_248) Vangile Candice Khumalo, Abelwe Maluleka, & Rhulani Maluleka *Quantitative analysis of the impact of higher professional technical courses on NEET youth from vocational education pathways* (VP_251) Rúben Carvalho, Liliana Pereira, Cláudia Rodrigues, Cristina Pereira, José Barradas, & João Borges *Artificial Intelligence in teacher training: Benefits, challenges and tools* (VP_279) Bruno F. Gonçalves *Emotional education as part of the curriculum: A model based on the Sedona method of emotional release* Iulian Zonenstain *New approach to mathematics teaching based on the cultural ontology* (VP_299) Lina Vinitsky-Pinsky, Maayan Zhitomirsky-Geffet, Artour Mouftakhov, & Leonid Kugel *Student-centered approaches in preservice teacher assessment: voices and experiences from Zimbabwean teacher-training colleges* (VP_302) Alice Dhliwayo, & Thuthukile Jita *Innovative teaching approaches in large-class teacher education: Lessons from an education law module* Annamagriet de Wet *Exploring the essentials of high-quality student recruitment in universities: A multivariate analysis of geographical and institutional dynamics* (VP_341) Bo Peng, Yan Xu, Xinzhu Wu, & Lifang Wang

	Approaches of gender diversity in kindergarten: A literature intervention through picturebooks (VP_052) Despoina Pechlivanidou, & Christina Kalaitzi ***Pedagogical interpretation in teaching grade 10 accounting using advanced technology: South African perspective*** (VP_065) Olwethu Solundwana, & Limkani Sincuba ***Dramatic arts in inclusive education: A case study of one high school*** (VP_072) Limkani Sincuba, & Buka Andrea Mqondisi ***Utilizing technology and collaboration for crisis education: Insights from temporary teaching and learning environments*** (VP_089) Orit Avdiel, & Ina Blau ***Artificial Intelligence in physics learning: Perception and application*** (VP_116) Joan-Josep Suñol ***Redefining workplace learning: Slashing errors by using augmented reality*** (VP_147) Christian Ploder, Teresa Spiess, Michael Kohlegger, & Robin Schmid ***Clarity, specificity, and context (CSC): Engineering effective prompts for generative AI in higher education*** (VP_157) Laura Zizka ***Special education teachers as agents of change: A narrative study of teacher agency in emergency shelter schools*** (VP_190) Michal Levy, Hagit Inbar-Furst, & Ruth Gottfried ***Fostering computational thinking practices of high school learners through coding and robotics workshop*** (VP_200) Ayodele Abosede Ogegbo ***South African life sciences teachers' experiences when employing differentiated instruction to foster inclusivity*** (VP_210) Unathi Notshweleka, & Thasmai Dhurumraj ***Leveraging AI tools in first-year programming education: A case study on student perceptions and learning experiences at a private higher education institution*** (VP_214) Denzyl Soobramoney Govender ***Life sciences teachers' needs and challenges when integrating indigenous knowledge using interactive whiteboards*** (VP_228) Lwazi Nsindiso Mkhwebane, Lydia Mavuru, Patrick Thabo Makhubalo, & Khanyisile Nolwazi Sethole ***Harnessing TikTok to enhance grade 10 learner engagement in life sciences classrooms*** (VP_229) Thapelo John Vukeya, Lydia Mavuru, Lwazi Nsindiso Mkhwebane, & Khanyisile Nolwazi Sethole ***Generative AI and curriculum integration possibilities*** (VP_232) Ronald J. Glotzbach ***Technology integration challenges and issues*** (VP_234) Ronald J. Glotzbach ***Learning sustainability through in-class debates*** (VP_246) Jonna Käpylä ***Smartphones as analytical tools to study the photodegradation of food dyes in a laboratory setting*** (VP_249) Inés Adam-Cervera, Roberto Sáez-Hernández, Paula García-Balaguer, Sergio Armenta, Ángel Morales-Rubio, & M. Luisa Cervera ***An escape room activity in analytical chemistry*** (VP_250) Roberto Sáez-Hernández, Inés Adam-Cervera, Paula García-Balaguer, Ángel Morales-Rubio, Adela R. Mauri-Aucejo, & M. Luisa Cervera ***Use of art therapy with special educational needs children - research on the attitudes of psychologists from the municipality of Blagoevgrad*** (VP_280) Sabina Eftimova, Teodora Genova, & Stefka Belyova ***Bibliotherapy in Bulgaria: A study of perceptions, application and educational perspectives*** (VP_304) Sabina Eftimova, & Teodora Genova

Spatial reasoning with a human-scaled geometric puzzle (VP_550)
Elise Levin-Güracar, Teresa Lara-Meloy, Ken Rafanan, & Jennifer Knudsen

Math and making for middle school youth: A longitudinal single-case study (VP_551)
Elise Levin-Güracar, Nuria Jaumot-Pascual, Teresa Lara-Meloy, & Jad Eways

Math and making in afterschool - a pedagogic innovation with Latinx middle school youth (VP_553)
Nuria Jaumot-Pascual, Teresa Lara-Meloy, & Ken Rafanan

Bring your own device: integrating mobile learning technology for engagement and baseline assessments in science learning
(VP_556)
Mafor Penn

Transforming university education with generative AI: Strategies, challenges and impacts (VP_562)
Haoning Xi

Future educators' perceptions about vicariance as a design tool in early childhood education services in the case of the presence of visually impaired children (VP_565)
Addolorata Amadoro, Umberto Veneruso, & Diana Carmela Di Gennaro

A framework for developing mobile apps to support students with intellectual disabilities in higher education (VP_575)
Yonghong Tong, & Dennis Garland

Integrating generative chatbots in secondary English teaching: A 2D3S4L model for pedagogical design *(*VP_583)
Wei Zhang, Dzintra Iliko, & Lipolelo Thamae

A 2D3S4L model: Does generative AI enhance English language teaching and learning in Lesotho? (VP_584)
Lipolelo Thamae, Wei Zhang, & Dzintra Ilisko

Enhancing cross-cultural in English language teaching: Digital innovations and its reaction on communication systems and cultural learning (P_144)
Sugandika Sewwandi Alles

Enhancing education in genetics and genomics through a virtual campus (P_346)
Javier Sierra

University propaedeutic physics: Engineering degrees experience (VP_117)
Jason Daza, Lluisa Escoda, Marianna Soler, Jesús Planella, & Joan-Josep Suñol

Perceptions of future kindergarten teachers on the use of embodied learning when approaching works of art in preschool education (VP_127)
Kalliopi Trouli, & Sofia Trouli

Perceived media literacy of first year undergraduate students at a university in Latvia (VP_133)
Joseph Jack Horgan

Motivating dentistry students: A biofilm project to foster engagement and interdisciplinary learning (VP_197)
Riánsares Arriazu Navarro, Encarnación Amusquivar Arias, Carlos Bocos de Prada, María José Borrego Gutiérrez, Lucía Guerra Menéndez, Elisa Jiménez Cabré, Esther Lantero Bringas, Úrsula Muñoz Morón, María del Nogal Ávila, María Isabel Panadero Antón, Sergio Portal Núñez, & Julio Sevillano Fernández

An inclusive approach to inspire creativity and team building through modular architecture drawing (VP_206)
Francesca Maria Ugliotti, Michele Zucco, & Margherita Cassis

Overcoming university barriers: Strategies for achieving academic success from the voices of graduates with disabilities
(VP_207)
Ana Castellano Beltrán, Anabel Moriña Díez, Almudena Cotán Fernández, Gilda Biagiotti, & Roberto Carlo Pecellín Marchena

Leveraging H5P to design innovative online learning environments: a case study at a South African university (VP_208)
Patrick Thabo Makhubalo, Maglin Moodley, & Alex Mbanze

Reframing disability through the voices of university graduates with disabilities in health sciences (VP_216)
Lucia Van der Mel, Beatriz Morgado, Víctor Hugo Perera Rodríguez, Patricia Sanz Martínez, & Emma Mayo Pais

	Teaching and learning philosophies that secondary school teachers use to develop critical-thinking skills in learners in South Africa (VP_238) Bianca Williams, & Celestin Mayombe ***Education of physiotherapy students in the field of movement patterns and analysis of their level*** (VP_240) Rút Lenková, Stanislava Ivanová, & Marek Kokinda ***Presentation design for the course tunnel engineering*** (VP_301) Jianqin Ma ***Incorporating GeoGebra discovery into teacher training for the plane geometry study*** (VP_305) Celina Aparecida Almeida Pereira Abar, & Daniel Mendes Inácio de Souza ***'Narratives of belonging': Visual literacy through the wordless picturebook 'clown'*** (VP_309) Christina Kalaitzi, & Rosy-Triantafyllia Angelaki ***The role of STEM in data-driven learning in the social sciences*** (VP_317) Juan Luis Peñaloza Figueroa, & Adolfo Hernández ***Healthtek eLearning platform: An online approach to on biomedical engineering*** (VP_340) Begonya García-Zapirain Soto, Jolanta Pauk, Michel Bakni, Javier Sierra, & Aline Dupuy ***Health 4.0 paradigm learning using Healthtek virtual campus*** (VP_352) Begonya Garcia-Zapirain Soto, Juan Alberto Monasterio, Ainhoa Osa-Sanchez, Ibon Oleagordia-Ruiz, Paulina Cárcamo, & Amaia Mendez-Zorrilla ***The body as a vector of knowledge: the psychomotor approach in the development of the school-age child*** (VP_359) Rosanna Perrone, Maria Virginia Marchesano, Matteo Abate, & Carmen Palumbo ***Self-efficacy and motor performance: The impact of motor-expressive activities in primary school*** (VP_360) Maria Virginia Marchesano, Valeria Minghelli, & Lucia Pallonetto ***Physical education and personalized learning in line with European Union and national standards*** (VP_361) Matteo Abate, Rosanna Perrone, & Carmen Palumbo ***Satisfaction level of Portuguese public primary and secondary school teachers with teaching performance evaluation process*** (VP_402) Elisa Figueiredo, & Catarina Gonçalves ***Growth through education: A perspective research on short-cycle programs*** (VP_424) Cristina Coutinho, Cláudia Rodrigues, Ana Francisca Monteiro, Filipe Chaves, Liliana Pereira, & Rúben Carvalho ***Innovative use of Artificial Intelligence in a materials science subject for analyzing results*** (VP_430) Jaume Gomez-Caturla, Lourdes Sanchez-Nacher, Teodomiro Boronat, Octavio Fenollar, Carlos Lazaro-Hdez, & Rafael Balart ***Empowering mental health literacy among vocational education and training-teaching students in Germany*** (VP_434) Janine Michel, Natalie Banek, & Ariane Steuber ***Digital children's literature anthologies: engaging new literacies with teacher candidates in an introductory course*** (VP_463) Diane Watt ***Exploring the role of Artificial Intelligence in technical degrees: Insights from building materials subjects*** (VP_464) César Porras-Amores, Manuel Alejandro Pedreño-Rojas, Marta Rodríguez Aybar, Paola Villoria-Sáez, & María Jesús Morales-Conde ***Through a child's eyes: Literature as a bridge to understanding post-trauma*** (VP_502) Yaakova Sacerdoti ***Growth mindset interventions to enhance phonics learning in early years education: An exploratory study*** (VP_529) Leah Dawn Rock ***Remote learning in virtual biology education: science process skills acquisition in microscopy*** (VP_559) Mafor Penn ***Our school should be for us: Early childhood physical learning environment*** (VP_107) Tuğba Baş, & Nergiz Teke

	Academic perceptions of the value of teaching for university performance (VP_245) Jonna Käpylä, Jenni Poutanen, & Elisa Enlund ***Human capital's theoretical model and sustainability: Investment in training and future value of intangibles*** (VP_265) Lidia García-Zambrano, Yolanda Chica-Paez, & Maite Ruiz-Roqueñi ***Navigating employment challenges: sustainable employability and gender disparities among third country nationals in Greece*** (VP_366) Magdalini Bakali, & Konstantina Karameri ***Development of student health management – the university as a setting for mental health literacy promotion*** (VP_439) Natalie Banek, Janine Michele, & Ariane Steuber ***The trainer profile in inclusive education (examples from Bulgarian education system)*** (VP_473) Vanya Dobreva ***Multifunctionality of rural school in the local community*** (VP_542) Liga Paula, & Anda Grinfelde ***Factors that contribute to prejudice against female leadership in Zimbabwe's tertiary institutions*** (VP_564) Rosina Mavunga, & Siphokazi Kwatubana ***Ethical leadership as a delicate embroidery for integrity: New directions for school principals*** (VP_572) Sipiwe Mudadigwa, & Edwin Darrell De Klerk ***Human rights prerequisites for middle leaders in promoting inclusion and equity in diverse school contexts*** (VP_573) June Monica Palmer, & Edwin Darrell De Klerk ***Advancing principals' human rights leadership practices in an era of digital transformation*** (VP_576) Ngozi Blessing Enebe, & June Monica Palmer