

> HEAd'19

5th International Conference on Higher Education Advances

June 25-28, 2019
Valencia, Spain



UNIVERSITAT
POLITÀCNICA
DE VALÈNCIA



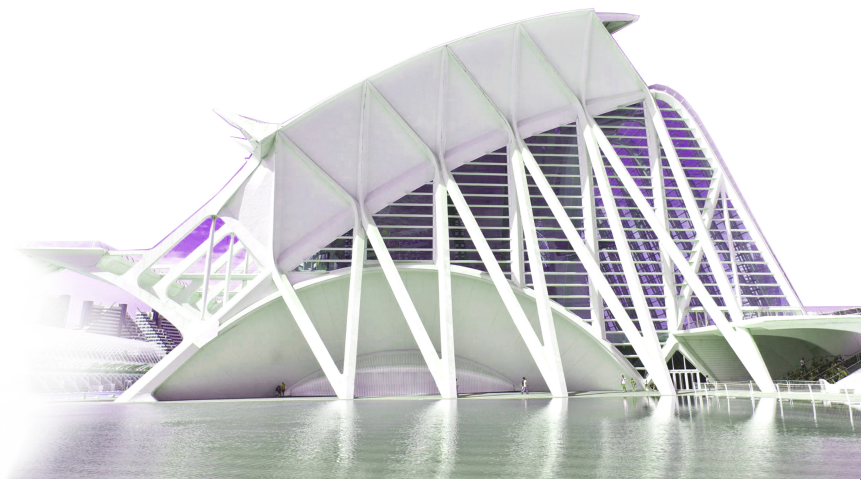
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PREFACE



Jospe Domènech

Welcome to the Fifth International Conference on Higher Education Advances (HEAd'19) hosted by the Faculty of Business Administration and Management of the Universitat Politècnica de València, Spain during 25-28 June 2019. This fifth edition consolidates the series of HEAd conferences as a leading forum for researchers and practitioners to exchange ideas, experiences and research results relating to the preparation of students and the organization of higher educational systems.

The selection of the scientific program was directed by Paloma Merello, who led a team of 206 program committee members representing 44 countries in all five continents. Following the call for papers, the conference received 387 full paper submissions from 58 different countries. All the submitted papers were reviewed by at least two program committee members under a double blind review process. Finally, 95 papers were accepted as full papers for oral presentation during the conference. This represents an overall full paper acceptance rate of 24.5%, the most selective acceptance rate across all the editions. This selection ensures a high-quality program which is greatly valued by the research communities. Additionally, 32 submissions were accepted as short papers and 35 as poster communications, all of them receiving high review scores and published by UPV Press. The organizing committee congratulates all the authors for having their papers accepted in the proceedings of such a competitive conference.

HEAd'19 also features three keynote speakers that overview important and actual topics: Dr. David Menendez Álvarez Hevia (Manchester Metropolitan University) talks about the challenges related to the marketization of the Higher Education. The talk by Dr. Cecilia Chan (University of Hong Kong) focuses on new approaches to assess skills. Finally, Dr. Amparo García Carbonell (Universitat Politècnica de València) deals with the use of simulation and gaming in higher education.

This year, the first PHELC workshop is celebrated together with HEAd'19. This workshop, led by Ann Marie Farrell and Anna Logan, focuses on giving insights into teaching large classes from an evidence-based, higher education practice perspective.

The organizing committee would like to thank all of those who made this year's HEAd a great success. Specifically, thanks are indebted to the invited speakers, authors, program committee members, reviewers, session chairs, presenters, sponsors, supporters and all the attendees. Our final words of gratitude must go to the Faculty of Business Administration and Management of the Universitat Politècnica de València for supporting, once again, the HEAd conference, making it possible to become a great event.

June 2019
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KEYNOTES

WEDNESDAY 26th 09:30-10:30
Room: Salón de Actos (Conference Hall)

Marketization: The Elephant in the University Classroom



Prof. David Menendez Alvarez Hevia
Manchester Metropolitan University

David Menendez Alvarez Hevia is Senior Lecturer in Education Studies and core member of the Education and Social Research Institute (ESRI) in the Faculty of Education at Manchester Metropolitan University. He is also an executive member and leader of research funded projects of the British Education Studies Association (BESA). Originally from Oviedo (Spain), David graduated in Primary Education, Pedagogy and Psychopedagogy before moving to study in the UK where he obtained a Master of Research in Education and Society and a Ph.D. in Education.

David has been involved in teaching, leading, and developing different Undergraduate and Master programmes in the area of education. He is interested in understanding educational issues from a theoretical and socio-political perspective, combining critical and philosophical lenses to approach education in its wider sense. His research covers a variety of topics contextualised in education, including emotions, social justice and alternative provisions. Over the last few years, David has shown a special sensitivity to the problems associated to the marketization of Higher Education. In this line, some of his latest research projects focus on the exploration of ideas associated to employability, attendance and internationalization. To carry out research on Higher Education he likes to take a collaborative approach that involves conducting research from inside and with students as partners, focusing on improving practices and generating knowledge through reflection and collaboration.

THURSDAY 27th 12:15-13:15

Room: Salón de Actos (Conference Hall)

Assessing 21st century skills using 20th century approaches? Time for a change room



Prof. Cecilia Chan
University of Hong Kong

Dr. Cecilia Chan is the Head of Professional Development and an Associate Professor in the Centre of the Enhancement of Teaching and Learning at The University of Hong Kong (HKU). Cecilia has a dual cultural background; she was born in Hong Kong but grew up in Ireland. In addition to her dual cultural background, she also has a dual discipline expertise in engineering and education; she has been playing a key role in enhancing engineering, and science education as well as teaching and learning in higher education.

Her combined expertise in these fields and multi-cultural experience enabled her to lead and conduct research on topics such as assessment and feedback, experiential learning, technology enhanced learning and the development and assessment of 21st century skills spanning in education from east to west.

Dr. Chan also has substantial experience in holistic competency development and assessment in higher education and has been researching in this area for over ten years. She has developed a framework to assist teachers to integrate competency into the university curriculum and is also researching in approaches to assess these competencies.

Her work is being recognized in many parts of Asia. She has been invited as keynote speaker and panel speaker to many international educational conferences in Korea, Singapore, United States, Estonia, United Kingdom, Macau, Thailand, Malaysia and Switzerland on teaching, learning and the assessment of generic competency including the Harvard Graduate School of Education. Cecilia holds a PhD in Engineering from Trinity College, a postgraduate diploma and a MA in Higher Education. She also held a Fellowship from King's College London. Dr. Chan is involved in over 40 research/projects worldwide and was awarded the University of Hong Kong's Young Outstanding Researcher Award. She is the Chair for the Engineering Education Community in Hong Kong and will be the Founding President for the ASIA Engineering Education Network.

More information can be found in the Teaching and Learning Enhancement and Research Group (TLERG) website: <http://tlerg.cetl.hku.hk/>

FRIDAY 28th 12:30-13:30
Room: Saló de Actos (Conference Hall)

Simulation and Gaming in Higher Education



Prof. Amparo García-Carbonell
Universitat Politècnica de València

Dr. Amparo García-Carbonell is a faculty member of the Department of Applied Linguistics at the Universitat Politècnica de València, Spain. She teaches telecommunications engineering students, with whom she has been using telematic simulation since 1993, when she became involved in the international online simulation Project IDEALS. She is past president of ISAGA (International Simulation and Gaming Association) and continues to be a member of the steering committee.

She is the author of numerous publications related to the use of simulation and gaming in the field of communication, professional competences and language learning. Since the 1990s, she has been active in developing and implementing networked learning materials and in training professors in networked and distributed learning. She has participated as partner in different European projects such as IDEELS, INCODE, CoMoViWo and FINCODA. She is currently the coordinator of the research group DIAAL (Intercultural Dimension and Active Language Learning) and is a member of the interdisciplinary group IEMA (Innovation in Assessment to Enhance Active Learning) at the Universitat Politècnica de València.

BRIEF PROGRAM

	Wednesday 26 th	Thursday 27 th	Friday 28 th	
9:00 - 10:30	Opening	4a. Assessment and evaluation (II)	8a. Mobility and out of class learning	9:00 - 10:30
	Keynote I Prof. David Menendez Alvarez Hevia	4b. Innovative methods in humanities 4c. Innovative learning experiences (I) 4d. Students' diversity	8b. Video and image for teaching 8c. Technologies for teaching 8d. University perspectives (II)	
10:30 - 11:00	Coffee break		Poster Session (III)	10:30 - 11:15
11:00 - 12:15	1a. Assessment and evaluation (I) 1b. Entrepreneurship, employment and partnership 1c. Teacher education (I)	5a. Assessment and evaluation (III) 5b. Health sciences education 5c. Technology in education (III) 5d. Teacher education (II)	9a. Social sciences and economics education 9b. Scaling learning centres and classes 9c. Communities and networking 9d. Students' perceptions	11:15 - 12:30
12:15 - 13:15	1d. MOOCs and e-learning	Keynote II Prof. Cecilia Chan	Keynote III Prof. Amparo Garcia Carbonell	12:30 - 13:30
13:15 - 14:45	Lunch		Closing	13:30 - 14:00
14:45 - 16:00	2a. Technology in education (I) 2b. STEM education (I) 2c. Sciences and technology education 2d. Academic life	6a. Competency-based learning (I) 6b. Learning experiences and models 6c. Innovative learning experiences (II) 6d. Assessment and evaluation (IV)		
16:00 - 16:45	Poster Session (I)	Poster Session (II)		
16:45 - 18:00	3a. Technology in education (II) 3b. STEM education (II) 3c. University perspectives (I) 3d. Educational models	7a. Education accreditation and quality 7b. Language teaching 7c. Competency-based learning (II) 7d. Innovative learning models		

WEDNESDAY 26th

(F): FULL PAPERS, 20 min presentation plus 5 min Q&A
(S): SHORT PAPERS, 10 min presentation plus 5 min Q&A
(P): POSTER

Session 1a. Assessment and evaluation (I)

Wednesday 26, 11:00 – 13:15. Room Aula 0.1. Chair: Annie W.Y. Ng

(F) Assessment of Creative Thinking of Hong Kong Undergraduate Students Using the Torrance Tests of Creative Thinking

Annie W.Y. Ng, Chung-Yee Lee

(F) Development of business students' attitudes towards entrepreneurship between 2017–2018

Marja-Liisa Kakkonen

(F) Competence Assessment and Competence Reflection in Software Engineering Education

Lisa Henschel

(F) Dual-evaluation with formative peer-assessment by rubrics: A teaching experience in Business and Economics studies

M-Dolores Robles, Pilar Abad

(F) Flipped Classroom Evaluation using the Teaching Analysis Poll

Kristin Vogelsang, Frank Ollermann

Session 1b. Entrepreneurship, employment and partnership

Wednesday 26, 11:00 – 13:15. Room Aula 0.2. Chair: Robert A. Phillips

(F) Constructing a Career Mindset in First Year Students: The Building Blocks for Curriculum Design

Kate Kelly, Edward Lock

(F) A comparison of on-curricular and off-curricular activities in enterprise education for postgraduate students

Kassandra A. Papadopoulou, Robert A. Phillips

(F) Boosting employability through the use of Authentic Learning Scenarios

Dolors Plana-Erta, Angels Fitó Bertran, M.Jesús Martínez-Argüelles

(S) Using Alumni Entrepreneurs Feedback to shape University Entrepreneurship Education

Robert A Phillips

(S) Enhancing learning environments through partnerships in an attempt to facilitate school effectiveness

Tracey-Ann Adonis, Shaheed Hartley

Session 1c. Teacher education (I)

Wednesday 26, 11:00 – 13:15. Room Aula 0.3. Chair: Denise Ann Beutel

(F) OERlabs: Strategies for University-wide OER Advancement

Bence Lukács, Sandra Hofhues

(F) Cognitive apprenticeship as a tool for materials development in an EFL teacher education project

Daniel Becker, Ralf Gießler, Janine Schledjewski

(F) Student Mentoring in the Master Programme “Pedagogy”: the case of University of Latvia

Sanita Baranova, Dita Nimante

(S) An exploratory study of early career teachers as culturally responsive teachers

Denise Ann Beutel, Donna Tangen, Rebecca Spooner-Lane

(S) A platform for the influencers: spreading educational innovations via a professional learning network

Koos Winnips, Jan Riezebos, Miriam Ossevoort

(S) Teaching4Learning@UNIPD to promote faculty development at the University of Padua, Italy: the experience of the Agriculture and Veterinary Medicine School

Barbara Cardazzo, Giuseppe Radaelli, Angela Trocino, Lucia Bailoni, Edward Taylor, Monica Fedeli

(S) “Teach the teacher”: Design and evaluation of a professional teaching development program

Antonette Mendoza, Sue Wright, David Shallcross

Session 1d. MOOCs and e-learning

Wednesday 26, 11:00 – 13:15. Room Aula 0.4. Chair: Leanri Van Heerden

(F) Compliance of MOOCs and OERs with the new privacy and security EU regulations

Katerina Zdravkova

(F) Reflections on Sustainability Issues in Learning Object Development

Paula Carroll, Niall Flaherty, Bard Ovenden

(F) MOHICANS: Mobile Learning Teaching Model for Next Gen Learners

Zhen Zhen Leow, Jason Chui, Cally Ng

(F) Online short course for learning management system training in an African university of technology

Leanri Van Heerden

(F) A qualitative analysis of student experiences of a blended learning course

Peter Ruijten, Eline Hooijman

Session 2a. Technology in education (I)

Wednesday 26, 14:45 – 16:00. Room Aula 0.1. Chair: Thomas V. Obrien

(F) Using Active Learning Spaces to Support Flipped Classroom

Rui Li, Lei Zhu, Jt Singh, Yongyi Mo

(F) Using Padlet for collaborative learning

Inma Beltrán-Martín

(F) Old Dogs Can Learn to Like New Tricks: One Instructor’s Change in Attitude to Online Instruction from 2009-2017

Thomas V. Obrien, Holly A. Foster

Session 2b. STEM education (I)

Wednesday 26, 14:45 – 16:00. Room Aula 0.2. Chair: Peter T Mylon

(F) Characterizing university students' self-regulated learning behavior using dispositional learning analytics

Louise Ainscough, Richard Leung, Kay Colthorpe, Tracey Langfield

(F) Place Matters! Fostering place-based geoscience teaching at the University of Hawai'i at Mānoa

Daniela Bottjer-Wilson, Barbara C Bruno

(F) Using student-led manufacturing in makerspaces to support transition into engineering higher education

Peter T Mylon, Gary C Wood, Timothy Jc Dolmansley

Session 2c. Sciences and technology education

Wednesday 26, 14:45 – 16:00. Room Aula 0.3. Chair: Vicente R. Tomás

(F) Innovations in the Development of Critical Thinking and the Teaching of the Nature of Science and Technology: Background and Proposal for Food Engineering Course of Studies

Damian Lampert, Silvia Porro

(F) A Project-based learning for the subject “design and implementation of databases”

Vicente R. Tomás López, Miguel Pérez Francisco, Mercedes Marqués Andrés

(F) Active learning and social commitment projects as a teaching-learning intervention in engineering degrees

Alpha Pernía-Espinoza, Andres Sanz-Garcia, F. Javier Martinez-De-Pison-Ascacibar, Sergio Peciña-Marqueta, Julio Blanco-Fernandez

Session 2d. Academic life

Wednesday 26, 14:45 – 16:00. Room Aula 0.4. Chair: Meril Ümarik

(F) Can we be all in one?

Donato Cutolo, Maria Rita Tagliaventi, Giacomo Carli

(F) Indicators needed to design a student dashboard from lecturers' perspectives: a qualitative study

Iñigo Arriaran Olalde, Nagore Ipiña Larrañaga

(F) Negotiated professional identities of academics in the context of structural reform and innovation at the university

Meril Ümarik, Larissa Jögi

Poster Session (I)

Wednesday 26, 16:00 – 16:45. Faculty Hall

(P) Constructing “New Liberal Arts” in China’s Universities: Key Concepts and Approaches

Hailong Tian, Mingyu Wang

(P) Navigating curriculum transformation: charting our course

Astrid Turner, Irene Lubbe, Liz Wolvaardt, Lizeka Napoles

(P) Management of wastewater through theatre

Kristina Tihomirova, Linda Mezule

(P) New tools for teaching: educational cards for primary schools on the prevention of food waste

Elena Comino, Francesca Macioce

(P) Deep Teaching: Materials for Teaching Machine and Deep Learning

Christian Herta, Benjamin Voigt, Patrick Baumann, Klaus Strohmer, Christoph Jansen, Oliver Fischer, Gefei Zhang, Peter Hufnagel

(P) Interaction of higher and post-university education as a factor of the formation and development of the professionalism of young specialists

Natalya Victorovna Popova, Dmitry Yur’evich Narkhov, Elena Nikolaevna Narkhova, Igor Mikhailovich Dobrynin

(P) Teaching and Learning in Statistics: Harnessing the power of modern statistical software to improve students statistical reasoning and thinking

Clair Louise Alston-Knox, Christopher Mark Strickland, Theo Gazos, Kerrie Lee Mengersen

(P) Ontology rules application for efficient career choice

Elena Borisovna Startseva, Andrey Yurievich Grimaylo, Liliya Rashitovna Chernyakhovskaya, Fernando Llopis Pascual

(P) Developing start-ups with academic support in Romania

Anca-Olga Andronic, Razvan-Lucian Andronic, Gica Cruceru

(P) Content interaction in online university courses: the start@unito project

Daniela Salusso, Stefania Cicillini

(P) Bridge the gap between high school systems with less than twelve years of schooling and European Universities

Francesco Floris, Marina Marchisio, Carla Marengo, Lorenza Operti

Session 3a. Technology in education (II)

Wednesday 26, 16:45 – 18:00. Room Aula 0.1. Chair: Kim Bryceson

(F) Disruptive Technologies supporting Agricultural Education

Kim Bryceson

(F) Becoming College and Career Ready: Combating The New Digital Divide – A Literature Review

Nelson A Orta

(S) Evaluating the bones of adaptive learning: Do the initial promises really increase student engagement and flexible learning within first year anatomy subjects?

Louise Ann Pemberton, Kelly Linden, Lucy Webster

Session 3b. STEM education (II)

Wednesday 26, 16:45 – 18:00. Room Aula 0.2. Chair: Natascha Strenger

(S) Integrating Data Analysis and Statistics Across Disciplines

Anna Bargagliotti

(S) Internationalization @ home in Engineering Education: Enhancing Social Capital in English-taught Master's Programmes

Natascha Strenger, Nilgün Ulbrich

(S) Combining DoV framework and methodological preconceptions to improve student's electrical circuit solving strategies

Raoul Sommeillier, Frédéric Robert

(S) A STEM Model Encouraging Post-Baccalaureate Pathways for First Generation, Underrepresented Undergraduates

Mary Jo Parker

Session 3c. University perspectives (I)

Wednesday 26, 16:45 – 18:00. Room Aula 0.3. Chair: David Fleischman

(F) The alumni narrative of the connection between university skills and knowledge, and industry: An 'outside-in' understanding

David Fleischman, Peter English

(F) Decision Support Systems Aiming in Reducing Globalization Burdens in Education

Eunika Mercier-Laurent, Rabih Haddad

(S) German Universities as Actors in Organizational Design – A Qualitative Study

Ilse Hagerer, Uwe Hoppe

Session 3d. Educational models

Wednesday 26, 16:45 – 18:00. Room Aula 0.4. Chair: Alison Kay Reedy

(F) Balancing the local and global: A review of teaching and learning literature from Colombia

María Lucía Guerrero Fariás, Alison Kay Reedy

(S) An example of innovative university teaching: the model of Constructive and Collaborative Professional Participation

Rosa Di Maso, Maria Beatrice Ligorio

(S) A first experience with Problem-based learning in a course of Psychometrics

Laura Galiana

THURSDAY 27th

(F): FULL PAPERS, 20 min presentation plus 5 min Q&A
(S): SHORT PAPERS, 10 min presentation plus 5 min Q&A
(P): POSTER

Session 4a. Assessment and evaluation (II)

Thursday 27, 9:00 – 10:30. Room Aula 0.1. Chair: Pauline Therese Collins

(F) How authentic is it? Evaluating the products of an authentic assessment task

Kay Colthorpe, Harrison Gray, Hardy Ernst, Louise Ainscough

(F) Women and foreign students in teams: the key players

Rosella Nicolini

(F) The Benefits of an action reflective assessment using role-plays in teaching mediation.

Pauline Therese Collins

(S) Alternanza scuola-lavoro (work-based learning) as a resource for higher education

Cristina Lisimberti, Katia Montalbetti

Session 4b. Innovative methods in humanities

Thursday 27, 9:00 – 10:30. Room Aula 0.2. Chair: Nancy November

(F) Teaching Music Historical Literacy Using Video Clips

Nancy November

(F) Teaching essential graduate attributes via digital cultural heritage: An assessment model from communication students in Hong Kong

Angela Mak, Helen Ching

(F) Creative writing and Critical Thinking Enhancement at Higher Education

Antonella Poce, Francesca Amenduni

(S) Art-based methods: Theatre Teaches and Business Theatre

Mariasole Bannò, Giorgia Maria D'Allura

Session 4c. Innovative learning experiences (I)

Thursday 27, 9:00 – 10:30. Room Aula 0.3. Chair: Kristina Maria Schulz

(F) Thinking Skills in Problem Solving: Pre-Knowledges

Ignacio Laiton

(F) A collaborative game-based learning to enhance ecological economics teaching

David Hoyos, Waleska Sigüenza, Iñigo Capellán-Pérez, Álvaro Campos, David Álvarez-Antelo

(S) Critical thinking in PBL: Development of a bespoke tool for critical thinking

Nazim Ali, Russell Crawford, Margaux Horn

Session 4d. Students' diversity

Thursday 27, 9:00 – 10:30. Room Aula 0.4. Chair: Angela Wright

(F) Students with Learning Disabilities at University

Sandra Zecchi

(F) Class observations from the University of Hawai'i at Mānoa highlight the need for active learning strategies to support diverse students in large classes

Jennifer Engels, Barbara Bruno, Noelle Dasalla, Daniela Böttjer-Wilson

(S) Working while studying - some legal and political questions affecting the right to higher education in Estonia

Kristi Joamets, Maria Claudia Solarte Vasquez

(S) Development of a procrastination scale in Spanish and measurement of students' procrastination tendencies

José Luis González-Geraldo, Fuensanta Monroy Hernández

Session 5a. Assessment and evaluation (III)

Thursday 27, 11:00 – 12:15. Room Aula 0.1. Chair: Juan M. Lopez-Zafra

(F) Self-efficacy in first-year university students: a descriptive study

Paula Alvarez-Huerta, Iñaki Larrea, Alexander Muela, José Ramón Vitoria

(F) Admission tools and academic performance: evidence from a first course in a bachelor's degree in business administration

Juan M. Lopez-Zafra, Ricardo A. Queralto-Sanchez De Las Matas, Sonia De Paz-Cobo

(F) Competencies and higher education: evidences and returns. The TECO project

Alberto Cioffi, Annalisa Di Benedetto

Session 5b. Health sciences education

Thursday 27, 11:00 – 12:15. Room Aula 0.2. Chair: Kylie Murphy

(F) Leader-Follower dynamics within medical students' groups during clinical rotations.

Jorge Sigler, Amanda Gray

(F) Improving Evidence-Based Practice education in healthcare courses: A Participatory Action Research multiple-case study

Kylie Murphy, Tracey Parnell, Rodney Pope, Clarissa Hughes, Marguerite Bramble, Jess Biles, Simone Oconnor, Michael Curtin, Lisa Speedie, Evan Plowman

(F) Get your cell-fie

Elisa Langa, Eva Terrado, Carlota Gómez-Rincón

Session 5c. Technology in education (III)

Thursday 27, 11:00 – 12:15. Room Aula 0.3. Chair: Dieter Pawelczak

(F) Effects of Plagiarism in Introductory Programming Courses on the Learning Outcomes

Dieter Pawelczak

(F) Preparing for anatomy assessment with adaptive learning resources - It is going "tibia" okay!

Louise Ann Pemberton, Kelly Linden, Lucy Webster

(F) Online Continuing Professional Development: An integrative approach

Angelica Ríquez, Dara Cassidy, Gearóid Ó Súilleabháin, Roisin Garvey, Sinead Spain

Session 5d. Teacher education (II)

Thursday 27, 11:00 – 12:15. Room Aula 0.4. Chair: Gareth Burns

(F) Diversifying Initial Teacher Education: Who Utilises Alternative Entry Routes to Teaching & How They Compare to Direct Entry Students

Katriona O'Sullivan, Gareth Burns, Niamh Bird

(F) Leave no one behind. Design inclusive motor activities in Primary Teacher Education Courses

Antioco Luigi Zurru, Antonello Mura, Ilaria Tatulli

(F) Immersive teacher training experience on the methodology of problem posing and solving in Mathematics

Francesco Floris, Alice Barana, Anna Brancaccio, Alberto Conte, Cecilia Fissore, Marina Marchisio, Claudio Pardini

Session 6a. Competency-based learning (I)

Thursday 27, 14:45 – 16:00. Room Aula 0.1. Chair: Baiba Briede

(F) Nurturing students' awareness of their behavioral competencies: The Competency Lab experience

Fabrizio Gerli, Sara Bonesso, Laura Cortellazzo

(F) Students' Self-directed Learning in the Context of Industrial Challenges: Latvia University of Life Sciences and Technologies Case

Baiba Briede

(F) Interdisciplinary Medical Communication Training at the University of Pécs

Kata Eklícs, Eszter Kárpáti, Robin Valerie Cathey, Andrew J. Lee, Ágnes Koppán

Session 6b. Learning experiences and models

Thursday 27, 14:45 – 16:00. Room Aula 0.2. Chair: Óscar Mascareñas

(F) How to Teach Ecology to Students of Environmental Engineering

Maria Giulia Cantiani

(F) EstuPlan: Methodology for the development of creativity in the resolution of scientific and social problems.

Sergio Astudillo Calderón, Laura De Díez De La Torre, Marina García Companys, Nora Ortega Pérez, Víctor Rodríguez Martínez, Sabah Alzahrani, Raquel Alonso Valenzuela, Adolfo Ávalos García, Blanca Cifuentes, Alberto Esteban Carrasco, Aránzazu Gómez Garay, Luisa Martín Calvarro, et al.

(F) Approaches to promote self-directed learning in Software Engineering

Kristina Maria Schulz

Session 6c. Innovative learning experiences (II)

Thursday 27, 14:45 – 16:00. Room Aula 0.3. Chair: Emma Marya Coonan

(F) Globalizing curriculum beyond the classroom: Service Learning Programs benefit Students, impact local issues and answer local needs to build bridges between cultures

Philippe Briot, Ludivine Ponson, Thierry Leterre

(F) A transdisciplinary educational experience at the Botanical Garden around scientific travelers

Yolanda Echegoyen Sanz, Antonio Martín Ezpeleta

(S) The value of 'writing retreats' in advancing innovative pedagogic research

Emma Marya Coonan, Simon Pratt-Adams, Mark Warnes

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Session 6d. Assessment and evaluation (IV)

Thursday 27, 14:45 – 16:00. Room Aula 0.4. Chair: Lia Alencar Coelho

(F) Teachers' perceptions about the use of the Learning ePortfolio as learning and assessment tool in Mondragon Unibertsitatea

Sirats Santacruz, Nagore Ipiña, Eugenio Astigarraga

(F) Student ratings to evaluate the teaching effectiveness: Factors should be considered

Lia Alencar Coelho, Marcelo Machado De Luca De Oliveira Ribeiro

(F) University performance through Multiple Factor Analysis

Delimiro Alberto Visbal Cadavid, Mónica Martínez-Gómez, Rolando Escorcía-Caballero

Poster Session (II)

Thursday 27, 16:00 – 16:45. Faculty Hall

(P) Multi-level governance in quality assurance in Spain: the case of the National Agency for Quality Assessment and Accreditation (ANECA)

Ana García Juanatey, Jacint Jordana, David Sancho

(P) Shared learning process among students of the Health Sciences and Electronic Engineering Department and students of professional training in the area of Technology and Health. A proposal for educational innovation.

Montserrat Sánchez-Lorente, Enrique Sanchis-Sánchez, Juan Ramón Alarcón-Gómez, Pablo García-Molina, Evelin Balaguer-López, Nicole Victoria Zurita-Round, Sergio Ferrer-González, Sandra Paniagua-Sánchez, Fátima Bouaouda-Ruiz, José María Blasco-Igual

(P) Clinical simulation: innovative educational project in basic cardiopulmonary resuscitation and advanced in pediatrics and neonatology

Montserrat Sánchez-Lorente, Pablo García-Molina, Evelin Balaguer-López, Alejandro Tortajada-Lohaces, Marta Patiño-Serra, Enrique Sanchis-Sánchez, José María Blasco-Igual

(P) Applying an integrated approach to social media communication training: how innovative thinking is changing the way universities teach (Web) journalism

Ainara Larrondo, Simón Peña-Fernández, Koldo Meso-Ayerdi, Jesús Pérez-Dasilva

(P) How to motivate students to learn Metabolic Biochemistry in a Biomedical Sciences curricula

Margarida Fardilha, Magda Carvalho Henriques

(P) Toward a Future-Ready Talent Framework for Co-operative and Work-Integrated Learning

Norah Mcrae, Dana Church, Jennifer M. Woodside, David Drewery, Anne Fannon, Judene Pretti

(P) B-SMART: A university-industry teaching innovation project

Dolors Gil-Doménech, Jasmina Berbegal-Mirabent, Marta Mas-Machuca

(P) Design of the UX Laboratory for the Department of Communications

Juraj Fabus, Viktoria Fabusova

(P) Coordination of subjects using a real practical case to boost learning results

Cristina Campos Sancho, Angeles López, Lledó Museros, Ismael Sanz

(P) The Importance of Intercultural and Communicative Competences for Tourism Labour Market

Zuzana Sándorová

(P) About Students' Abstractions - Evaluation of Items Requiring Abstract Thinking Competence

Daniela Zehetmeier

Session 7a. Education accreditation and quality

Thursday 27, 16:45 – 18:00. Room Aula 0.1. Chair: Denise May Wood

(F) Is the Italian student survey on teaching reliable? For what purposes?

Enrico Zaninotto

(F) Accreditation and quality in higher education curriculum design: does the tail wag the dog?

Denise May Wood, Greg Auhl, Sally Mccarthy

(S) Recruitment policies in Spanish universities, a case study: Teaching and research quality

Bartolomé Pascual-Fuster

Session 7b. Language teaching

Thursday 27, 16:45 – 18:00. Room Aula 0.2. Chair: Katrin Herget

(F) Analysis of the speech act of request in the foreign language classroom

Katrin Herget, Noemí Pérez

(F) From scribe to YouTuber: A proposal to teach the History of the English Language in the digital era

Paula Rodríguez-Abruñeiras, Jesús Romero-Barranco

(S) Pluricultural competence and VIQTORIA didactic model action in Spanish as a Foreign Language learning systems

Artevic Holgueras Galán, Anna Doquin De Saint-Preux, Rocío Santamaría Martínez

Session 7c. Competency-based learning (II)

Thursday 27, 16:45 – 18:00. Room Aula 0.3. Chair: Hector Reynaldo Córdova Eguívar

(F) The Joint Effort Workshop as a tool for Knowledge Management and competence development

Florian Reusner, Miriam Pöhner, Markus Bresinsky

(S) Teaching Operations research, the experience of the Catholic University in Bolivia
Hector Reynaldo Córdova Eguívar

(S) The acquisition of transversal competencies through a Youtube channel

Loreto Carmen Mate Satué, Maria Teresa Alonso Pérez, Pedro Bueso Guillén, María Gállego Lanau, Esther Hernández Sanz, Alberto Lafuente Torralba, Elisa Moreu Carbonell, Rita Largo Gil

(S) The intricacies of developing a work readiness programme for South African Business degree students

Karen Marion Dos Reis

Session 7d. Innovative learning models

Thursday 27, 16:45 – 18:00. Room Aula 0.4. Chair: Marc Laperrouza

(F) A Class of Nothing

Óscar Mascareñas

(F) Visualizing constructive alignment in the process of course design

Marc Laperrouza, Jacques Lanarès, Emmanuel Sylvestre

(S) Attitude towards and Interest in Dog-Assisted Interventions of Students in Higher Education

Cathrin Rothkopf, Theresa Stark, Silke Schworm

FRIDAY 28th

(F): FULL PAPERS, 20 min presentation plus 5 min Q&A
(S): SHORT PAPERS, 10 min presentation plus 5 min Q&A
(P): POSTER

Session 8a. Mobility and out of class learning

Friday 28, 9:00 – 10:30. Room Aula 0.1. Chair: Matthias Ludwig

(F) Taking students outside the classrooms. Location-based mobile games in education
Mauro Attilio Ceconello, Davide Spallazzo, Martina Sciannname'

(F) Entrustable Professional Activities in Residency Programs-planning and scheduling issues

Jan Riezebos, Durk Jouke Van Der Zee, Jan Pruim

(F) Doing Math Modelling Outdoors- A Special Math Class Activity designed with MathCityMap

Matthias Ludwig, Simone Jablonski

(S) Desafío Program. A rural version of Erasmus for depopulated areas

Luis Antonio Sáez-Pérez, Nieves García-Casarejos, Marta Rincón-Pérez

Session 8b. Video and image for teaching

Friday 28, 9:00 – 10:30. Room Aula 0.2. Chair: J. Gerard Wall

(F) Photo 3D technology applied to e-Learning tools production for animal biology
Jacopo Vizioli, Pierre-Eric Sautière, Catherine Delbende, Bernard Deleplanque, Bernard Mikolajczyk

(F) Whiteboard Animations for Flipped Classrooms in a Common Core Science General Education Course

Ming Li, Chi Wai Lai, Wai Man Szeto

(F) Lights, camera, action: Microbiology laboratory teaching in the spotlight

J. Gerard Wall, Katrina Lacey

(S) Video tutorials as a support to the face-to-face teaching

M. Carmen Martínez-Victoria, María Del Carmen Valls-Martínez, Isabel María Parra-Oller

Session 8c. Technologies for teaching

Friday 28, 9:00 – 10:30. Room Aula 0.3. Chair: Cor Suhre

(F) Students' experiences with the use of a social annotation tool to improve learning in flipped classrooms

Cor Suhre, Koos Winnips, Vincent De Boer, Pablo Valdivia, Hans Beldhuis

(F) Teaching with emerging technologies in a STEM university math class

Domenico Brunetto, Chiara Andrà, Giulia Bernardi

(S) Technologies for attention to diversity: a bibliometric study

María Isabel Vidal Esteve, Diana Marín Suelves, José Peirats Chacón, María Isabel Pardo Baldoví

(S) Implementation of Computer Assisted Experimental Work in Analytical Chemistry Laboratory Teaching

Jaume Albiol Chiva, Juan Peris Vicente, María José Ruiz Ángel, Mar Esteve Amorós, Samuel Carda Broch, Pau Esteve Amorós, Estel.La Esteve Amorós, Diego Kassuha, Josep Esteve Romero

Session 8d. University perspectives (II)

Friday 28, 9:00 – 10:30. Room Aula 0.4. Chair: Claudia Thea Schmitt

(F) The Factors Affecting University Retention/ Attrition By Big Data Analytics

Richard K Cho, Dongmin Kim

(F) 'Centering' Teaching Excellence in Higher Education

Diarmaid Lane

(S) Sustainable Development at Higher Education Institutions in Germany: Advances, Challenges, Examples

Claudia Thea Schmitt, Alexander Bassen, Georg Müller-Christ

(S) New University: liberal education and arts in Brazil

Nathan Tejada De Podestá, Silvia Maria Pires Cabrera Berg

Poster Session (III)

Friday 28, 10:30 – 11:15. Faculty Hall

(P) Study environment in the context of hei study quality assurance: case study at Daugavpils University (Latvia)

Jelena Davidova, Irena Kokina

(P) Promoting critical thinking in higher education in the context of teacher professional development

Amanda R. Franco, Rui Marques Vieira

(P) Learning Gain using a game improve pharmacology knowledge in two transnational HE institutes

Russell Crawford

(P) Cooperative learning and the use of blogs in Higher Education. An initiative oriented to promote a deeper understanding of social and ethical issues between teacher students

Lidia Daza, Santiago Eizaguirre

(P) T-shaped engineers: getting ready for employability

Petra Kletzenbauer, Sonja Gögele

(P) Projects to encourage female students in STEM areas

María Teresa Lozano Albalade, Ana Isabel Allueva-Pinilla, José Luis Alejandro-Marco, Raquel Trillo-Lado, Sergio Ilarri-Artigas, Carlos Sánchez-Azqueta, Lorena Fuentes-Broto, Susana Bayarri-Fernández, Concepción Aldea-Chagoyen

(P) Assessing L2 listening in CALL and listening strategy use

Cristina Pardo-Ballester

(P) Collaborative creation between students and teachers for the development of an evaluation gameboard in class.

Jairo A. Hurtado, Yenny A Real

(P) Modern Pedagogical Approaches to Teaching Mixed Methods to Social Science Researchers

Judy Rose, Samantha Low-Choy

(P) Future of Higher Education: Emotionally Intelligent and Mindful?

Jami Lynn Cotler, Dmitry M. Burshteyn, Beth Deangelis, Rachael Mahar

(P) Building a Culture of Critical and Creative Thinking. Creating and Sustaining Higher-Order Thinking as part of a Quality Enhancement Plan

Tania Allen, Sara Queen, Maria Gallardo-Williams, Lisa Parks, Anne Auten, Susan Carson

(P) Enhancing understanding of analytic geometry by augmented reality

Xenia-Rosemarie Reit

Session 9a. Social sciences and economics education

Friday 28, 11:15 – 12:30. Room Aula 0.1. Chair: Dimitri Prandner

(F) Measuring which support systems really work to improve students learning in your class – A case study on quantitative methods courses in the social sciences

Dimitri Prandner, Ahmed Tabakovic

(F) Internationalising education – Cross-country co-teaching among European higher education institutions

Veit Wohlgemuth, Christina Saulich, Tine Lehmann

(F) Implementation of Game-based Learning in Higher Education: an example in HR Management

Marta Mas-Machuca, Alicia Jordan, Cristina Tresserras

Session 9b. Scaling learning centres and classes

Friday 28, 11:15 – 12:30. Room Aula 0.2. Chair: Sorin Tuluca

(F) Seasonal Capacity Scaling and Learning Centres

Henrik K hler Simonsen, Dennis Grauslund

(F) Adapting conventional delivery to cope with large cohorts: turning seminars into workshops and changing assessment

Simon Sweeney

(F) Added value of post-secondary education in Estonia

Merle K ttim, Jelena Hart senko, Iivi Riivits-Arkonsuo

Session 9c. Communities and networking

Friday 28, 11:15 – 12:30. Room Aula 0.3. Chair: Steffen Buechner

(F) Evaluation of learning communities: principles to guide practice

Miriam Ossevoort, Jan Riezebos

(F) Switching perspectives: Physicians meet Engineers in a Novel Lab on Medical Device Development

Armin Gruenewald, David Kroenert, Steffen Buechner, Rainer Brueck

(F) Networks that Cross the Boundaries of the Classroom: A Quasi-Experimental Study of University Students

José Alberto Benítez-Andrades, Isaías García, Carmen Benavides, Javier Pérez-Paniagua, Pilar Marqués-Sánchez, Mercedes Reguera

Session 9d. Students' perceptions

Friday 28, 11:15 – 12:30. Room Aula 0.4. Chair: Eszter Kiss

(F) Thinking about going to university? Segmenting undergraduates

Marta Retamosa, Ángel Millán, Juan Antonio García

(F) International undergraduate business students' perceptions of employability

Eszter Kiss, Michelle Barker, Parlo Singh

(F) Beyond Attrition and Retention: Working With Students to Enhance the First Year Experience

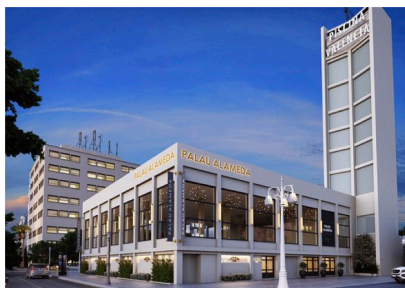
Natalia Gerodetti, Darren Nixon

SOCIAL PROGRAM



WEDNESDAY 26th, 19:30-21:00

Welcome Cocktail Reception at Àtic Terrace Lounge located at Palau Alameda building (Address: Carrer de Muñoz Seca, 6, 46010 València).
Dress code: Casual.



Guest Appearance: Grupo "El Garbí", Falla García Lorca-Olta



THURSDAY 27th, 21:00-24:00

Conference Dinner at Terrace Lounge of Restaurant CONTRAPUNTO Les Arts (Address: Palau de les Arts Reina Sofia, Av. Del Professor López Piñero 1, 46013 València). Dress Code: Smart Casual



FRIDAY 28th, 14:00-15:00

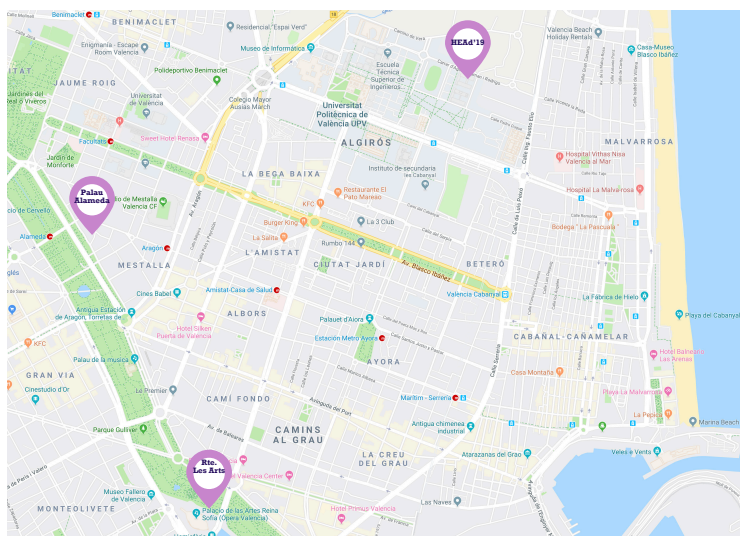
Closing Wine Reception at the Faculty Hall, UPV.

DIRECTIONS

From HEAd'19 to **Àtic Terrace Lounge (Palau Alameda)**, you can take bus number 93 (from Tarongers-Col·legi Major stop to Aragó-Passeig Albereda stop, approx. 11 min (8 stops)).

You can also take the tram line number 4 or 6 (from Tarongers stop to Benimaclet stop, approx. 7 min, (4 stops)); then, take the underground line number 3 Aeroport (from Benimaclet stop to Alameda stop, 3 min (2 stops)).

From HEAd'19 to **Restaurante Contrapunto Les Arts**, you can take bus number 40 (from Ramón Llull-Albalat dels Tarongers stop to Tomàs Montañana-Albereda stop, approx. 10 min, (8 stops)).



UPV MAP



ADDITIONAL INFORMATION

Lunch will be served on Wednesday and Thursday from 13:15 - 14:45 at Cafetería “El Trinquet” (Building 9D) located behind the Faculty of Business and Management.

Coffee breaks will be served at the Faculty Hall:

- Morning 10:30 - 11:00 (on Friday during Poster Session III).
- Afternoon 16:00 - 16:45 (during Poster Session I and II).

Free wifi access will be provided for delegates at the conference

Conference delegates will have access to a meeting room (Seminario 0.1) in the ground floor of the Faculty of Business Administration and Management.

Emergency numbers

Services	Phone
Medical Service (Ambulancia)	061
National Police (Policía Nacional)	091
Local Police (Policía Municipal)	092
Fire Service (Bomberos)	080
Sea Rescue (Salvamento y seguridad marítima)	900 202 202
Pan-European emergency number	112

Taxi service

Taxi companies	Phone	e-mail
Radio Taxi	+34 96 370 33 33	admon.radiotaxi@mvaseguros.es
Tele Taxi	+34 96 357 13 13	

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