

	Lunes 13	Martes 14	Miércoles 15	Jueves 16	Viernes 17
		SESIÓN 2 ELÉCTRICA Y ELECTRÓNICA		SESIÓN 7 CIENCIAS DE LA TIERRA	SESIÓN 10 CIENCIAS ECONÓMICAS Y ADM.
08:00 - 09:00		 C. Magistral: Sustainable heating and cooling solution for residential, commercial and industrial applications. Dra. Emilia Motoasca			 C. Magistral: La involución del emprendimiento y del desarrollo profesional. Juan Gabriel Martínez
09:00 - 10:00		 P. presencial: Passive Positioning of Autonomous Underwater Vehicles. E. Carrera and D. Guevara			 C. Magistral: Sostenibilidad y competitividad de las empresas familiares. Rompiendo falsos mitos. Juan Diaz
10:00 - 10:15		 P. virtual: Practical Framework for Optimal Planning of Microgrids for Production Processes. J. Llanos, D. Ortiz and M. Salto	 SESIÓN 5 CIENCIAS HUMANAS Y SOCIALES	 C. Magistral: CMT: Tratamiento de contaminantes emergentes para potabilización y aguas residuales. Area Hidrosanitaria. Dr. Jafar Soltan.	 P. presencial: Public spending and profitability: analysis in Ecuadorian public companies. R. Zabalá, A. Fernández and S. Galarza
10:15 - 10:30		 P. virtual: Modeling of a Robotic Arm for the Application of Welding Processes. C. Olovache and J. Sánchez	 C. Magistral: La Competencia digital del profesorado universitario en la sociedad del conocimiento. Dr. Ana M. Ortiz	 P. presencial: Implementation of the CAESAR-Liflood cellular automated landscape evolution model to determine possible flood areas in the Portoviejo river sub-basin, Coastal Ecuador. D. Moncayo, A. Robayo and T. Toulkeridis	 P. virtual: Administrative management and labor disputes in the municipality of cochorco. K. Benites and J. Sagastegui
10:30 - 10:45		 P. virtual: Hybrid Storage System based on Rectenna and Photovoltaic Cells for Low Power IoT Wireless Devices. C. Gordon, M. Valle, M. Cumbajin and C. Peñafiel		 P. presencial: Evaluation of horizontal and vertical positions obtained from an unmanned aircraft vehicle applied to large scale cartography of infrastructure loss due to the earthquake of April 2016 in Ecuador. A. Tierra, J. Sani, O. Padilla and T. Toulkeridis	 P. virtual: Influence of technological capabilities on business innovation. M. Maya, C. Suintaxí, E. Guernón and V. Ramos
10:45 - 11:00		 P. virtual: Implementation of PID and MPC controllers for a quadruple tank process in a 3D virtual system, using the hardware in the loop technique. J. Amaguaña, M. Sánchez, E. Pruna and I. Escobar		 P. virtual: Analysis of the thermal sensation in single-family home from microclimatic monitoring: Case study Bucaramanga Colombia. J. Villabona, B. Tarazona, C. Sandoval, O. Lengerke and L. Betancur	 P. presencial: Influence of technological capabilities on business innovation. M. Maya, C. Suintaxí, E. Guernón and V. Ramos
11:00 - 11:15		 P. virtual: Relationship between force signal and superficial electromyographic signals associated to hand movements. C. Sandoval, R. Mejía, B. Tarazona, A. Rincón and A. Rodríguez	 P. virtual: Analysis and Incidents in the professional practices of IT university students in the context of the COVID-19 Pandemic. R. Bastidas and C. Coronel	 P. presencial: Water quality and dynamic time series based on meteorological variables at the Muña station located in the Bunche enclosure, Esmeraldas, Ecuador. D. Carrera, M. Chicaiza, C. Choloquina, S. Ramos, L. Unda and F. Carrera	 P. virtual: Analysis of the impact of the ethical training of public accounting students at unimuto uvd and their competence in the face of ethical dilemmas in the professional field. E. Atiza, M. Corredor and E. Quintero
11:15 - 11:30		 P. virtual: Advanced Control Algorithms for a Horizontal Three-Phase Separator in a Hardware in the Loop Simulation Environment. L. Aimañana, O. Gahui, J. Llanos and D. Ortiz	 P. presencial: Using Gamification to develop Vocabulary and Grammar among A1 level of English Students: A Quasi-Experimental Design. M. Tamayo, D. Cajas and D. Sotomayor	 P. presencial: Nonlinear behavior of Steel frames with concentric and eccentric bracing. B. Cagua, J. Pilatasig, R. Aguir and C. Morales	 P. presencial: Intellectual capital and its impact on the financial efficiency of commercial and manufacturing companies for Pichincha province (2017-2019). D. Chushig, D. Zambrano, V. Merchán and E. Castillo
11:30 - 11:45			 P. virtual: Musculoskeletal ailments and working conditions in teachers who telework: A case study from a private institution in the city of Guayaquil. D. Zúñiga, K. Moran, K. Escobar and D. Guzmán	 P. virtual: Characteristics in the Fourier spectrum of images associated with discontinuities such as cracks and fissures in concrete structures. C. Sandoval, B. Tarazona, O. Lengerke, A. Rincón and D. Cartagena	 P. virtual: Desempeño laboral de formación docente: una mirada desde el síndrome de burnout. C. Chumpitaz and J. Sagastegui
11:45 - 12:00			 P. presencial: Written Corrective Feedback: A Case Study of the Effectiveness of Direct, Indirect Coded, and Indirect Uncoded Feedback. A. Zapata and E. Almeida	 P. presencial: Masonry reinforcement using cabuya fiber and perimetral electro-welded mesh. H. Valdivieso and P. Caiza	 P. presencial: La economía circular del agua: un análisis de eficiencia. M. Sánchez, C. Navarete, R. Viana and O. Gonzalez
12:00 - 13:00	 C. Magistral: El planteamiento del problema define la ruta de la investigación: Cuantitativa, cualitativa o mixta. Roberto Hernández Sampieri		 P. virtual: Thermo-transferable vinyl as high embossment textile finish for the visually impaired pattern recognition by haptics perception - Case study. O. Godoy, A. Umaquinga and M. Naranjo	 P. presencial: Evaluation of the seismic vulnerability of the Huachi Chico parish in Ecuador. F. Cunalata and P. Caiza	 P. virtual: Culture and job satisfaction in an agroindustrial company in chepen, 2021. M. Ramos, J. Sagastegui and R. Gómez
13:00 - 14:00	R E C E S O				
14:00 - 14:15			 P. virtual: Web 3.0 resources in the development of autonomous work of Higher Education students in times of Covid-19 Pandemic. S. Armas and C. Páez	 P. presencial: Development of a settlementmeter for the control and monitoring of embankments through the use of artificial intelligence. T. Casa, B. Morales and T. Toulkeridis	 P. virtual: Leadership styles and organizational culture in a real estate company. C. Vasquez and J. Sagastegui
14:15 - 14:30			 P. virtual: Gamification, Nearpod platform in academic performance in virtual classes for Higher Education students. S. Armas and C. Páez	 P. presencial: Low Cycle Fatigue in Welded Reinforcing Steel Bars. L. Abatta, C. Naranjo, D. Naranjo and E. Haro	 P. presencial: Importance of Organizational Culture in the Sustainability of Paperboard Companies in the DMQ. J. Aguilera, M. Montenegro and C. Estrella
14:30 - 14:45			 P. presencial: Demystifying EFL teachers' Experiences During the Pandemic: A Study of the Psychosocial Risks Resulting from COVID-19. E. Almeida, D. Cajas, J. Bernal and A. Baldassarri	 P. virtual: Exergetic analysis of reheating and regeneration alternatives in steam cycles for the generation of electricity from municipal solid waste. N. Castillo, B. Tarazona, C. Sandoval, A. Rincón and J. Ascanio	 P. virtual: Inclusive policies and teaching practices in educational institutions, in pandemic. A. Valderrama, G. Orbegoso, J. Sagastegui and C. Perez
14:45 - 15:00			 P. virtual: Parents Participation at the Initial Level in Virtual Education: A Case Study in a Peruvian School. M. Bances, M. Cantaro, B. Villatuerte and I. Iraola	 P. presencial: Spatial and temporal distribution of salinity levels and macronutrients of soils after the construction of dams on tropical dry forest. M. Lara, D. Carrera, F. Rodríguez and T. Toulkeridis	 P. presencial: Military Leadership in the Ecuadorian Army. S. Galarza, A. Carrillo, J. Aragón and D. Noroña
15:00 - 15:15			 P. virtual: Teacher Digital Literacy and its Influence on Learning Sessions at the Initial Level in Schools in the Context of Covid-19. E. Agüero, P. Badillo, J. Torres and I. Iraola	 P. presencial: Removal of arsenic and heavy metals from contaminated water with emerging sorbents. E. Murgueltio, L. Cumbal and T. Toulkeridis	 P. virtual: Covid 19 Pandemic Assessment of the Employment Status of Home-Based Workers. C. Peña and L. Vargas
15:15 - 15:30			 P. virtual: Teaching Experience on a Virtual Dramatization in the Development of Social Skills in Preschoolers. S. Gomez, R. Marin, K. Vallejos and I. Iraola		 P. presencial: Water, sanitation and socioeconomic situation in two communities in the Cayapas river, Ecuador. A. Fernández, Z. Borsic, D. Bolaños, R. Fernández and M. Hernández
15:30 - 15:45			 P. virtual: Performance Evaluation of Psychology Teachers of a Private University in Lima - Peru: An Experience in Emergency Remote Teaching. G. Cuadro, K. Chirinos, H. Del Rosario, J. Morales and I. Iraola		 P. presencial: Analysis of key variables for Ecuadorian defense industry development. A. Fernández, O. Chicaiza, M. Hernández, D. Paredes and Z. Borsic
15:45 - 16:00			 P. virtual: Gamification in the development of meaningful mathematics learning in students with unfinished schooling. L. Pujos and C. Páez		 P. presencial: Social networks, sustainable, satisfaction and loyalty in Tourist Business. G. Herrera, E. Castillo, J. Martínez and V. Gelastvili

