

ACTA DE REUNIÓN COMISIÓN DE INVESTIGACIÓN

UNIDAD: DECANATO DE INVESTIGACIÓN- SECRETARÍA DE LA COMISIÓN DE INVESTIGACIÓN

FECHA: 11 de junio de 2024

HORA DE INICIO / FINALIZACIÓN REUNIÓN: 10h00-12h00

LUGAR: Reunión virtual vía Microsoft Teams

ASISTENTES	CARGO
Angel Ramírez, Ph.D.	Vicerrector de I+D+i Subrogante
Jorge Aragundi, Ph.D.	Decano de Investigación Subrogante
Cristina Abad R., Ph.D.	Miembro Principal
Mireya Bracamonte, Ph.D.	Miembro Principal
Mathias Cladue, Ph.D.	Miembro Principal
Jorge Polo, Ph.D.	Miembro Principal
Guillermo Soriano I., Ph.D.	Miembro Principal
Ing. Mónica Miranda R	Estudiante de Postgrado
Ing. Glenda Sánchez, M.Sc.	Invitado
Econ. Daniel Silva	Invitado
ORDEN DEL DIA	
<ol style="list-style-type: none"> 1. Revisión de los resultados de los postulantes de Pares o Nones 2024. 2. Varios. 	

1. Revisión de los resultados de los postulantes de Pares o Nones 2024.

Toma la palabra el Dr. Ángel Ramírez M., Ph.D., Vicerrector de I+D+i Subrogante y pone a conocimiento de los miembros de la comisión las indicaciones, cronograma, las postulaciones por área, las postulaciones por unidad o centro, distribución de postulaciones por área, listado de participantes y directrices para los seleccionados del evento Pares o Nones 2024.

1. Reglamentos para participar

- Las personas que postulan podrán ser: profesores, analistas de investigación, personal de apoyo académico, asistentes de investigación, becarios de la ESPOL en período de estudios o en compensación y estudiantes que hayan participado en algún proyecto de investigación en los últimos 4 años (Enero 2020 a Enero 2024).
- Presentar una propuesta de resultados no inéditos de investigación, a través de pósteres. Los resultados deben provenir de un proyecto que esté registrado en la plataforma de gestión de Proyectos del Decanato de Investigación* y que haya generado al menos una publicación indexada en [Scopus/WoS](#), ya sea en forma de libro, capítulo de libro, artículo de revista o de congreso.
* Los becarios en período de estudios o compensación están exento del registro del proyecto en la plataforma de investigación.
- El postulante debe notificar a todos los autores con afiliación a la ESPOL, así como a los directores y co-directores de los proyectos relacionados con las publicaciones. Esto garantizará la transparencia del evento y la adecuada difusión de los resultados de la publicación. En el caso de que exista un autor corresponsal, se deberá remitir la carta de consentimiento hasta el domingo 26 de mayo hasta 23:59. En ausencia de un autor corresponsal, todos los autores deben ser notificados por medio de un correo electrónico. Es importante destacar que la participación en el evento estará sujeta al cumplimiento de este requisito.



2. Cronograma

6 mayo	Lanzamiento de convocatoria	17 junio	Anuncio de los seleccionados
26 mayo	Plazo para presentar postulaciones	28 junio	Plazo para entregar pósteres
14 junio	Selección de resúmenes	15 agosto	Día del evento

Decanato de **Investigación**

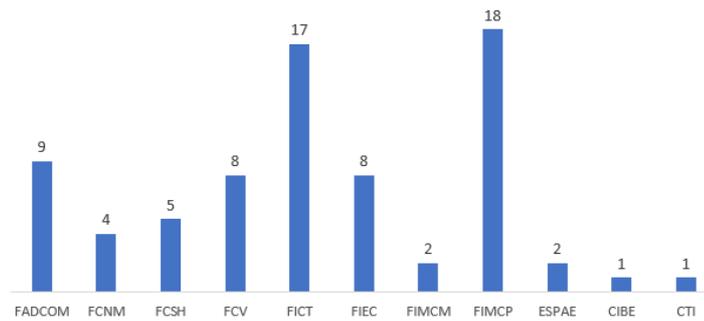
3. Postulaciones por área

Área de conocimiento	Postulaciones
Ciencias de la vida, salud y medioambiente	14
Ciencias naturales, físicas y exactas	5
Ciencias sociales y administrativas	7
Humanidades y artes	5
Ingenierías y tecnologías	44
Total	75

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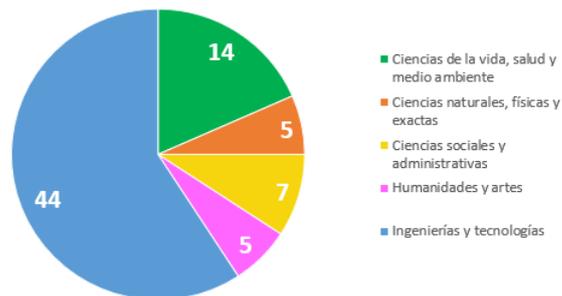


4. Postulaciones por Unidad o Centro



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5. Distribución de postulaciones por área



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6. Directrices para los seleccionados

- Los representantes de los proyectos seleccionados recibirán información detallada acerca del diseño y formato del póster. En caso de que un proyecto tenga múltiples publicaciones seleccionadas, el póster deberá sintetizar los resultados de todas ellas. Todos los seleccionados serán notificados oportunamente.
- Durante el día del evento, se permitirá la presencia de una sola persona junto a su póster en todo momento. Sin embargo, se permitirán múltiples turnos de hasta un máximo de tres investigadores para presentar el trabajo. Es importante destacar que únicamente se otorgará el certificado de participación a los investigadores que hayan participado en la presentación, de no presentarse el día del evento, no se entregarán los certificados.
- Se recomienda a los autores leer detenidamente estas bases y asegurarse de cumplir con todos los requisitos y plazos establecidos. Cualquier duda o consulta puede ser dirigida al comité organizador de la convocatoria para una adecuada orientación paresones@espol.edu.ec



Listado de participantes

Nombre	Título de la publicación	Link de la publicación	Unidad o centro
Abel Francisco Gomez Campezano	ADVANCING WIND TURBINE SAFETY: ITERATION-BASED EARLY DETECTION OF BLADE ICE ACCUMULATION USING EXTENDED ISOLATION FOREST	https://www.scopeda.com/publico/Gomez_et_al_2024a	FMCP
Alicia Cristina Guerrero Montenegro	TO STEER OR NOT TO STEER: ANALYZING SOCIO-ECONOMIC AND DEMOGRAPHIC FACTORS OF STEMEGREE ATTAINMENT IN ECUADOR WITH AN EMPHAS	https://journals.sagepub.com/doi/10.1177/0338137323109625	FCSH
Alicson Anuncion Constantine Mac	Anatomical Footprint of the Impulse Control Disorders in Parkinson's Disease: a Convolutional Vision Transformers Approach	https://case.usa.edu.espress/2024/Innovacion/Edicion%20del%202023	FEC
Andrea Katherine Orellana Manzar	Fermented Beverages among Indigenous Latin American Societies	https://www.frontiersin.org/articles/10.3389/fpub.2024.1380162/abstract	FCV
Andrea Katherine Orellana Manzar	Surveillance of COVID-19 vaccines: A comprehensive analysis of the first immunization drive in Ecuador	https://www.cell.com/heliyon/fulltext/S2405-8440(2024)1033495-9?_openurlurl=https://doi.org/10.1016/j.heliyon.2024.103349	FCV
Andrea Katherine Orellana Manzar	Areport on SARS-CoV-2 list us use in Ecuador: drug consumption dynamics	https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2023.1197373/full	FCV
Andrea Katherine Orellana Manzar	Metabolic syndrome: Multi-epigenetic cause or consequence?	https://www.sciencedirect.com/science/article/pii/S2405844023008347	FCV
Andrés Danilo Velazquez Montoya	Wildlife Research on Land Use and Land Cover in the Amazon Region	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-85107732538origin=resultslist	FICT
Andrés Danilo Velazquez Montoya	What is the Socioeconomic Impact of the Tuzumá Dam on Its Surrounding Municipalities?	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851236204178origin=resultslist	FICT
Andrés Danilo Velazquez Montoya	Assessing regressive erosion effects: Unveiling invisible land use changes post hydroelectric project construction	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851871653338origin=resultslist	FICT
Andrés Danilo Velazquez Montoya	WHD Dam Design to Improve Water Use in Rural Areas—Case Study: Sacacachi, Santa Elena	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851393132078origin=resultslist	FICT
Andrés Danilo Velazquez Montoya	Land use and land cover as a conditioning factor in landscape susceptibility: a literature review	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851179403238origin=resultslist	FICT
Angel Andres Recalde Lino	Assessment of Green Hydrogen production from Hydroperoxen in Ecuador	https://link.springer.com/chapter/10.1007/978-3-031-52171-3_7	FEC
Bryan Gabriel Oronoz Saca	Highlights of Accelerated Degradation Mechanisms for Polymer Electrolyte Fuel Cell	https://asmedigitalcollection.asme.org/MCE/proceedings-abstract/MCE2023/6746/007708A0.FMCP	FMCP
Bryan Joao Punçunças Maza	Predictive maintenance of wind turbine's main bearing using wind farm SCADA data and LSTM neural networks	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851845401398origin=resultslist	FMCP
Carlos Gabriel Helguero Alcivar	Methodology to optimize the location of osteosynthesis material for 3d printed cranial implants based on force analysis	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851854194328origin=resultslist	FMCP
Carlos Xavier Saldaña Méro	On Mapping Stiffness and Damping in Robotic Impedance Control: a Spatial Validation of Coupling	https://ieeexplore.ieee.org/document/10758640	FMCP
Carolina Del Carmen Nazzari Akda	Modeling and Temperature Uncertainty Analysis of Fermentation Bioreactor as an Industrial Brewery	https://www.sciencedirect.com/science/article/pii/S0923328823055502894	FCM
Daniel Andes Salas Marquez	Life cycle assessment of bioenergy with carbon capture and storage: A review	https://www.sciencedirect.com/science/article/pii/S0959334200181374gdcid=author	FMCP
Daniel Elias Perea Zambrano	Performance of a borehole heat exchanger: The influence of thermal properties estimation under tidal fluctuation	https://www.sciencedirect.com/science/article/pii/S2215036621001786	FMCP
Daniel Man Petroschi Sanchez	Concrete incorporating supplementary cementitious materials: Temporal evolution of compressive strength and environmental life cycle assessment	https://doi.org/10.1016/j.heliyon.2024.e25995	FMCP
Daniela Margarita Paz Barzola	PLATFORM FOR MICRO-HYDRO GENERATION IN RURAL AREAS OF ECUADOR	https://www.wjpr.in/Secure/OnlinePaper/EJUS23/EJUS23105F1.pdf	FICT
David Arturo Cobello Morenal	How do project managers' competencies impact project success? A systematic literature review	https://doi.org/10.1371/journal.pone.0295417	ESPAE
Edvin Giamine Valarezo Anaco	Flow Transformer Signal Classification for an Anthropomorphic Robotic Hand	https://www.mdpi.com/2573-8520/5/4/88	FEC
Edvin Giamine Valarezo Anaco	A DEEP LEARNING-BASED ALGORITHM FOR ECG APFRY/HRMA CLASSIFICATION	https://ieeexplore.ieee.org/abstract/document/10173058	FEC
Elizabeth Stetiana Elzalde Ros	Methodological developments and teaching skills based on ICT to improve the level of education in marginal areas of Ecuador	Scopus	FADCOM
Francisco Xavier Yumbia Arevalo	Wire Harness Connectors Mating Process by Dual-Arm Co-Manipulation Using Maximum Manipulability	https://ieeexplore.ieee.org/document/10260943	FMCP
Francisco Xavier Yumbia Arevalo	Grasp point generation on motorcycle wire harnesses main branch based on computer vision and clustering	https://www.cell.com/heliyon/fulltext/S2405-8440(2024)103242-3	FMCM
Gladyris Rincon Polo	Addressing air quality challenges: Comparative analysis of Barcelona, Venezuela, and Guayaquil, Ecuador	https://www.sciencedirect.com/science/article/pii/S24058440240074747	FCV
Glenda Margarita Pizzo Muenster	Chemical, antioxidant, and antifungal analysis of oregano and thyme essential oils from Ecuador: Effect of thyme against Lasiodiplodia theobromae and its applic	https://www.sciencedirect.com/science/article/pii/S24058440240074747	FCV
Gonzalo Eduardo Sanchez Lima	The short-term response of the Hispanic nonimmigrant population to anti-illegal immigration legislation: The case of Arizona SB 1070	https://www.elsevier.com/locate/jimm.2019.1008475	FCSH
Goybaro Chavez	Pilot-scale reverse osmosis treatment of gold cyanidation effluent for the removal of cyanide, heavy metal(loid)s, and ionic species	https://www.sciencedirect.com/science/article/pii/S268610624000237va%3Dhub	FICT
Guido Alejandro Abel Macías	Simulation of the fluid dynamic and thermal behavior of an experimental passive cooling system of photovoltaic panels	https://www.sciencedirect.com/science/article/pii/S2405844024007990	FMCP
Guillermo Andres Zambrano Moha	Offspring impacts of the COVID-19 pandemic on fathers and intermediaries: insights into the Ecuadorian cocoa value chain	https://ag.foodonlinet.org/opencontent/article/10.1080/14100-024-00302-0	FCV
Henry Bernard Moscoso Miranda	Female homicides, laws, and women's empowerment: An early warning of retaliation effect	https://www.sciencedirect.com/science/article/pii/S0277336222000917	FCSH
Hugo Ricardo Rivera Torres	Google Earth Engine: A Global Analysis and Future Trends	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851862244398origin=resultslist	FICT
Ivan Andres Choez Guarsanda	Changes in GC-MS metabolite profile, antioxidant capacity and anthocyanins content during fermentation of fine-flavor cacao beans from Ecuador	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0298909	CBE
Ivan Ariel Gonzalez Morena	ADVANCING WIND TURBINE RELIABILITY: MACHINE LEARNING-BASED EARLY DETECTION OF ROTOR IMBALANCE FOR PROACTIVE MAINTENANCE STRATE	https://www.scopeda.com/publico/Gonzalez_et_al_2024a	FMCP
Janner Fernando Galaza Alava	Evaluation of the effects of CO2 injection under supercritical conditions and colloidal dispersion (foam) on different rock and fluid properties during an Enhanced C	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851724080308origin=AuthorNamesList&g	FICT
Jonathan Israel Mendez Ruiz	Comparative evaluation of an advanced electrocoagulation treatment system versus a conventional lime softening treatment for removing calcium, sulfate, and m	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851724657038origin=resultslist	FICT
Jordy Anderson Santiana Vilamir	Processing Methods of Epoxy/Glassfiber-Based Composites for Bipolar Plates Using Different Secondary Fillers	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-8518780782948origin=resultslist&score=pf=68	FMCP
Jorge Polo Blanco	Labefez a viejo capitalismo con incapables: Degradación de las artes, empobrecimiento estético y derecho a la belleza en el pensamiento de Vilam Mois	https://andros.uam.edu.mx/index.php/andros/article/view/387	FADCOM
Jose Israel Campoverde Gil	The Effect of Dynamic Capabilities on MSMEs Digitalization: Exploring the Moderating Role of Firm Age	https://www.jpmi.org/index.php/GI/article/view/1311/1531	ESPAE
Julian Elias Perea Correa	"Revealing hidden biodiversity: Novel insights on Repelle and Amphibian Distribution in Western Ecuador"	Esta aceptada en pre-print. Link: https://www.authorea.com/users/781374/articles/7514032-revealing-h	FCV
Juliany Mirenia Torres Carriz	Reverse osmosis pilot plant to produce drinking water in Chandiay community of Santa Elena province-Ecuador	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-8517233718origin=resultslist	FICT
Karla Mayree Vilamir Marazota	Risks to Human Health from Mercury in Gold Mining in the Coastal Region of Ecuador	https://www.mdpi.com/2305-6304/12/5/2323	FICT
Kevin Antonio Cevallos Pilay	Automating Data Narratives in Learning Analytics Dashboards using GenAI	https://oeur-vs.org/Vol-36/705-LAK24-paper_5.pdf	CTI
Kevin Roberto Franco Gonzalez	Desarrollo de un sistema avanzado de tratamiento de agua por electrodiálisis para producir agua potable	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851721365348origin=ID=HW6TOAPS	FICT
Lady Maria Tora Navarrete	Sustainable Tourism in Galapagos: the perception of the stakeholders	https://www.scopus.com/recorddisplay.uri?eid=2-e2-0-851721365348origin=ID=HW6TOAPS	FCSH
Lauren Ansley Rhodes	The role of social norms on the willingness to act and donate against sexual harassment	https://link.springer.com/article/10.1007/s12232-023-00442-7	FCSH

Lisnesia Isabel Sornosa Quijje	Evaluations of Sofware Developed as Research Tools to Analyze Trends of Educational Videogames Characters	http://www.insightsociety.org/ojsaet/index.php/jaet/article/view/12431	FACCOM
Lisnesia Isabel Sornosa Quijje	Feasibility of Using Serious MIDI-AM Videogames as Resources in Early Childhood Education	https://link.springer.com/chapter/10.1007/978-3-031-45438-7_29	FACCOM
Lisnesia Isabel Sornosa Quijje	Design of a technological platform for teaching children's musical initiation using gamification	Thank you for your submission to the INTICEC 2024 conference. We are pleased to inform you that you	FACCOM
Louides Paola Lillo Lopez	The video game in political campaigns and as a sociocultural text. Case study Ecuador	https://link.springer.com/chapter/10.1007/978-981-99-7210-4_37	FACCOM
Luis Enrique Chuquimacá Jimenez	Modulating the Dynamic Response of a Redundant Robot: a 3D Linear Displacement Study	https://www.scopus.com/record/display.uri?eid=2-e2.0-85184360384&origin=resultlist	FECC
Luis Hernan Campos Guzman	Operational risk assessment with smart maintenance of power generators	https://ieeexplore.ieee.org/document/10532101	FMCP
Manuel Sebastian Alvarez Alvarado	Tejiendo la memoria Huancavilca: experiencias en el co-diseño para la conservación de prácticas textiles ancestrales	https://www.scienceofeducation.com/scienceofeducation/article.php/501420618326104	FECC
Maria De Lourdes Pizarro Garcia	El visual topográfico como recurso de diseño en la infografía periodística	https://www.scopus.com/record/display.uri?eid=2-e2.0-851818380916&origin=resultlist	FACCOM
Maria Gabriela Cando Castillo	Design of Test Bench for the Analysis of Efficiency and Effectiveness of Extended Surfaces for Educational Purpose	https://www.webofscience.com/ws/olvidoc/full-record/WOS:000933667000004	FACCOM
Mauricio Múlas	Risk Slope Stability Analysis Using Terrestrial Photogrammetry and Virtual Reality on Igneous Deposits	https://www.mdpi.com/2313-433X/10/5/106	FICT
Mauricio Múlas	An Analysis of Slope Stability in the Penipe-Baños Road by Applying Empirical Methods, Kinematic Analysis and Remote Photogrammetry Techniques	https://www.mdpi.com/2076-3263/13/12/866	FICT
Mauricio Múlas	The geologic alteration in the Ponce Enriquez Cold Mining district, Azuay province, Ecuador: genetic constraints from a mineral chemistry and fluid inclusions study	https://www.frontiersin.org/articles/10.3389/feart.2023.1255712/full	FICT
Maysa Lorena Pazmino Sanchez	Life Cycle assessment of instant coffee production considering different energy sources	doi.org/10.1016/j.cesys.2024.100174	FMCP
Michael Guillermo Rendón Moran	Effective method for simultaneous determination of abscisic acid, 3-indolacetic acid and gibberellic acid in commercial plant biostimulants by capillary electrophoresis	https://revistas.unl.edu.pe/index.php/scientiaagrop/article/view/5489	FCNM
Michael Ralaela Besamome Pena	BOUNDED VARIATION OF FUNCTIONS DEFINED ON A CONVEX AND COMPACT SET IN THE PLANE	https://www.tandfonline.com/doi/full/10.1080/25765298.2023.2278247	FCNM
Muyesh Khalid Soliman Alkhatib	Advanced Metrics to Evaluate Autism Children's Attention and Emotions from Facial Characteristics Using a Human-Robot-Game Interface	https://www.scopus.com/record/display.uri?eid=2-e2.0-851783678378&origin=resultlist&sort=pl-h&	FACCOM
Patricia Isabel Mancano Santana	Computos bioactivos contra Monilophthora roreni identificados en enmiendas líquidas producidas localmente (Bioles)	https://www.scopus.com/record/display.uri?eid=2-e2.0-851604255368&origin=resultlist	FCV
Patrik Roger Torres del Valencia	Measuring the Capacity of a Proposed Vibration Isolator Using Bioclastic Sheets	https://www.scientific.net/AS/1060/53.pdf	FACM
Faúl Damián Cullen Mena	Characterized extracts of the tropical red seaweed <i>Acrotylophora spicifera</i> protect <i>Ostreia edulis</i> larvae against <i>Vibrio coralliilyticus</i>	https://www.scienceofeducation.com/scienceofeducation/article.php/50044948623010566	FCNM
Ricardo Alfredo Cao Diaz	An Advanced Fractional Order Method for Temperature Control	https://www.mdpi.com/2504-3107/2/1/2	FECC
Roberto Antonio Sakor Omega	ADVANCED TREATMENT OF FORMATION WATER FROM THE OIL INDUSTRY TO MITIGATE CORROSION: TRATAMIENTO AVANZADO DE AGUAS DE FORMACIÓN	https://www.scopus.com/record/display.uri?eid=2-e2.0-85172371399&origin=resultlist&sort=pl-h&	FICT
Ruben Lisandro Hidalgo Luevan	Evaluating the Impact of Current-based Cycling Profiles on a Lithium-ion Battery Model	https://ieeexplore.ieee.org/abstract/document/10274542	FMCP
Veronica Denise Salas Gomez	Preparation, Characterization and Evaluation of Antibacterial Properties of Poly(lactide- <i>co</i> -poly(ε-caprolactone)-Chitosan Active Composite Films	https://www.scopus.com/record/display.uri?eid=2-e2.0-851318017638&origin=resultlist&sort=pl-h&	FMCP
Washington Adrian Velazquez Vian	Optimal Wireless Sensor Networks Allocation for Wooded Areas Using Quantum-Behaved Swarm Optimization Algorithms	https://ieeexplore.ieee.org/abstract/document/10041611	FECC

Luego de analizada la información los miembros de la comisión, resuelven:

CDINV-2024-11-06-007

Conocer los resultados de los postulantes de Pares o Nones 2024.

Angel D. Ramírez M., Ph.D.
Secretario de la Comisión de Investigación
Decano de Investigación

