

DLSU Research Congress 2025 Programs of Activities***				
	June 26 (In-person) Thursday Verdure Hall, 4F, Henry Sy Sr Hall, DLSU	June 27 (In-person) Friday Verdure Hall, 4F, Henry Sy Sr Hall, DLSU	June 28 (Online) Saturday (via Zoom) http://dlsuresearch.com/ResCon2025-D3-PS	
08:00 – 09:00	Registration	Registration	Entering Zoom Meeting	
09:00 – 09:15	Opening Ceremonies Ribbon-Cutting Prayer - DLSU Chorale National Anthem - DLSU Chorale Welcome Remarks Br. Bernard S. Oca FSC, President, De La Salle University Opening Remarks Dr. Raymond Girard R. Tan, Vice President for Research and Innovation, De La Salle University	Plenary Session 3 (09:15 - 10:00) <i>AI for good? For better? Or for worse?</i> <i>Accelerating Innovation Towards a 'Doughnut' Future</i> Prof. Dr. Greg Foliente Professorial Fellow, Faculty of Engineering and Information Technology, The University of Melbourne, Australia Golden Jubilee Honorary Professor, De La Salle University, Manila, Philippines	Parallel Session 6 (09:00 – 11:30) Parallel Session 7 (09:00 – 11:50) Parallel Session 8 (09:00 – 11:40) Parallel Session 9 (09:00 – 11:50) Parallel Session 10 (09:00 – 11:50) Parallel Session 11 (09:00 – 11:50) Parallel Sessions 12 (09:00 – 11:30) Zoom Link for Parallel Sessions 6-12: http://dlsuresearch.com/ResCon2025-D3-PS	
09:15 – 10:00	Keynote Speaker’s Talk <i>Emotional Connections: Designing Artificial Skins, Sensing, and Hands for Meaningful Human-Robot Interactions</i> Prof. Dr. John-John Cabibihan Professor, Mechanical and Industrial Engineering Department, College of Engineering, Qatar University, Doha, Qatar			
10:00 – 10:15	2025 Questions Magazine Launch	Health Break	Workshop 1: (9:00-12:00) Zoom link: http://dlsuresearch.com/ResCon2025-WS1 <i>Green Light Your Ideas: A Patents 101 & Search Workshop for Sustainable Innovators</i> Mr. Paulo Luis Lozano, Ms. Theda Mae Dumali Workshop 2: (09:00-12:00) Zoom link: http://dlsuresearch.com/ResCon2025-WS2 <i>Innovating STEM Curriculum: Addressing Global Challenges Through AI and Data-Driven Learning</i> Ms. Daisy Mae Bongtiwon Mr. Benjamin Haboc, Ms. Ma. Lourdes Gomez	
10:15 – 10:30	Coffee Break	Plenary Session 4 (10:15 - 11:00)		
10:30 – 10:45	Plenary Session 1	<i>Sustainable Skies: Leveraging AI and Innovation in Aviation to Advance the SDGs</i> Ms. Jeanne Rachelle Dimalanta Technical Projects Manager, Cebu Pacific Air, Manila, Philippines		
10:45 – 11:00	Prof. Dr. Dominic Foo Professor and Head, Department of Chemical and Environmental Engineering, University of Nottingham, Malaysia Golden Jubilee Honorary Professor, De La Salle University, Manila, Philippines			
11:00 – 11:15	Health Break	Health Break		
11:15 – 12:00	Gong Show Poster Presentation	LUNCH BREAK		
12:00 – 13:00	LUNCH BREAK			

	June 26 (In-person) Thursday Verdure Hall, 4F, Henry Sy Sr Hall, DLSU	June 27 (In-person) Friday Verdure / Pardo Hall, 4F / 5F Henry Sy Sr Hall, DLSU	June 28 (Online) Saturday (via Zoom)
13:00 – 15:30	University Fellows' Talk Session Chair: Dr. Rosemary Seva President, Society of University Fellows University Fellow, De La Salle University <i>Science for People, Planet & Prosperity: Sustainable Water Resources for the Poor</i> Prof. Dr. Susan Gallardo University Fellow and Professor, De La Salle University <i>Learning Can't Wait: The QuERST Response to Education in Crisis</i> Prof. Dr. Raymund Sison University Fellow and Professor, De La Salle University <i>Citizen science enhances the impact of science on policy and conservation</i> Prof. Dr. Wilfredo Licuanan University Fellow and Professor, De La Salle University	Parallel Session 1 Verdure Hall, 4th flr., HSSH (13:30 – 16:20) Parallel Session 2 Verdure Hall, 4th flr., HSSH (13:30 – 16:20) Parallel Session 3 Verdure Hall, 4th flr., HSSH (13:30 – 16:10) Parallel Session 4 Pardo Hall, 5th flr., HSSH (13:30 – 16:20) Parallel Session 5 Pardo Hall, 5th flr., HSSH (13:30 – 15:50)	Closing Ceremonies Zoom link: http://dlsuresearch.com/ResCon2025-D3-PS (13:30 – 14:30) Center Videos Awarding of Best Papers & Posters Closing Remarks – ResCon2025 Chair
15:30 – 15:45	Intermission Number		
15:45 – 16:30	Plenary Session 2 <i>Beyond the Traditional: Harnessing Innovative Data for Sustainable Development</i> Dr. Macario Cordel Data Scientist, Asian Development Bank		
16:30 – 18:00	Strategies for Successful Grant Applications and Network Expansion (% Center Directors) Panel Discussion Session Chair: Prof. Dr. David Penaloza Jr. Assistant Dean for Research and Advanced Studies, and Full Professor, Department of Chemistry, College of Science, De La Salle University Discussants: Prof. Dr. Divina Amalin, Director, Institute of Biological Control (IoBC) Prof. Dr. Jose Bienvenido Manuel Biona, Executive Director, Enrique Razon Logistics Institute Prof. Dr. Joel Ilao, Director, Advanced Research Institute for Informatics, Computing and Networking (AdRIC) Prof. Dr. Francisco Magno, Director, Jesse M. Robredo Institute of Governance (JRIG) Dr. Luz Suplico, Director, Center for Business Research and Development (CBRD)		

DLSU ResCon 2025

Poster Presentations (ON-SITE)

Gong Show

June 26, 2025 (Thursday) (1115-1200) / Verdure Hall, 4th flr., HSSH

ID#	Title	Authors	Presenter
131	Determinants of Asset Misappropriation in Business Process Outsourcing Industry in the Perspective of Fraud Pentagon Theory: External Operations View	Jummitsu Sorimachi, Jocelyn Cruz	Jummitsu Sorimachi
152	Sex Classification of Aedes aegypti Pupae Using Image-Based Morphometric Feature Extraction and Machine Learning	Abigaile Mia Hila and Thaddeus Carvajal	Abigaile Mia Hila
156	Listening to Lasallians: Extracting Institutional Insights from Reddit Discourse	Abraham Chen, Raphael Gonda	Abraham Chen
158	Dama at Datos: Empowering Filipino Businesses through Data-Driven Emotion Insights	Dalrianne Francesca Togado, Dr. Raphael Gonda	Dalrianne Francescsa Togado
182	Evaluating Built Environments for Quality of Life: The BUILD-QOL Rating Survey Framework	Gil Oliver Ayuyao, Andres Winston Oreta, Ronaldo Ison	Gil Oliver Ayuyao
187	The Green Makeover: Biotechnology 2.0 for Sustainable Fashion & Beauty in the Philippines	Yannikka Bata, Helena Bermudez, Maxine Rebanal, Raissa Sison and Zeba F. Alam	Yannikka Bata, Helena Bermudez, Maxine Rebanal
190	PUV Accessibility in an In-City Relocated Community: A Preliminary Study in LRB-Manggahan, Pasig City	John Dominic Franzuela, Aeron Garon, Clair Nicole Lota, Carl Gabriel Navarro, Paolo Ian Lucero, Maria Cecilia Paringit	Aeron Garon
198	Manganese Chloride and PEGylated Manganese Oxide Nanoparticle as Chemical Inducers for Agarwood Formation	Flyn Daryl Falcon, Frances Felicity Felicen, Dr. Joel Garcia	Frances Felicity Felicen

DLSU ResCon 2025

Parallel Sessions (ON-SITE)

PS 1: AI and Digital Innovation for Resilient and Inclusive Systems in the Philippines

June 27, 2025 (Friday) (1330-1620) / Verdure Hall, 4th flr., HSSH

Time	ID#	Title	Authors	Presenter
1330-1340	4	Integrating AI-Driven Strategies for Disaster Preparedness in the Philippines: Retrofitting Old Buildings as Smart Evacuation Centers	Eden Gay M. Deabanico	Eden Gay M. Deabanico
1340-1350	30	Application of Generative AI for Contextual and Exploratory Search in a Library Discovery Service	Luis Ezra D. Cruz	Luis Ezra D. Cruz
1350-1400	55	PhilSys ID Data Authentication via NTRUEncrypt: A Lattice-Based and Post-Quantum Cryptographic Implementation	John Trixie M. Ocampo, Romie C. Mabborang	John Trixie M. Ocampo
1400-1410	63	AI-Driven Early Detection of Pediatric Pneumonia: Optimizing Convolutional Neural Networks for Chest X-Ray Analysis in Children Under 5	Adelaide Louise Naquila, Riana Lhei Almodovar, Jamiel Joy Rebueno, Elijah John Ramos, Ronnel Agulto	Adelaide Louise Naquila
1410-1420	126	Specialized System on Managing Virtual Machine with Proxmox for DLSU - College of Computer Studies	Jonathan Lin, Rafael Christian Sanchez, Patrick Bennett Ong, Angeline Shi, Gregory Cu	Gregory Cu
1420-1430	164	Clinically Online: Assessing Rural Physicians' Intention to Use Telemedicine in Philippine Healthcare through a Modified Technology Acceptance Model	Kirsten Amber Estrella, Ben Paolo Macatangay, Jeremy Pocaan, and Ryan Ebardo	Kirsten Amber Estrella, Ben Paolo Macatangay, Jeremy Pocaan
1430-1440	170	Enhancing Multi-Domain Pattern Recognition with Frequency-Domain and Spatially Coherent Neural Architectures	Renz Aron Q. Gorre, John King. Crispo Philip II M. Marquez, Tom Oliver C. Presado	Tom Oliver C. Presado
1440-1450	195	FuseVault: An Application Programming Interface (API) for Enhanced Blockchain Data Storage Using InterPlanetary File System (IPFS) and MongoDB	Jordyn William Anton Hay, Jeanine Marie Ignacio, John Kieffer Recato Dy, Timothy Joshua Tan, Katrina Ysabel Solomon	Jordyn William Anton Hay
1450-1500	206	Exploring Transformer-based Approaches in Sentiment Prediction of Philippine Tweets	Marcus Calalang, Miguel Estañol, Jon Jacinto, Mauries Lopez, Eric Denver Co, John Matthew Gan, Jose Noel Noblefranca, Jason Jan Jabanee, Edward Tighe	Edward Tighe

1500-1510	193	Assessment of Quality Attributes of Falconexus as a Centralized Digital Platform for Student Organizations at Adamson University Senior High School	Mikaelo Mugen Alinea, Kathreena Cayabyab, Jodie Louise Dayrit, Tiffanie Joice Eclevia, Andre Venice Esguerra, Bren Enniel Landeta, Stephen David Maniau, Harold Angelo Ocampo, Daniell Zedric Ricafort, Paul Nino Sombrio, Zamza Tambio, Marianne Samantha Vicente, Lean Andrei Waje	Jodie Louise Dayrit & Marianne Samantha Vicente
1510-1520	201	Development of ASR models for a Filipino healthcare chatbot	Vincent Maximus Burce, Matthew Adrian Chua, Merrick Zivan Malong, Ashley Kylie Ramos	Vincent Maximus Burce, Matthew Adrian Chua
1520-1620	OPEN FORUM / Q&A			
PS 2: Inclusive and Innovative Pedagogies for 21st-Century Learners: Bridging Cultures, Classrooms, and Technologies				
June 27, 2025 (Friday) (1330-1620) / Verdure Hall, 4th flr., HSSH				
Time	ID#	Title	Authors	Presenter
1330-1340	31	"Multisensory Routine Map During Classroom Transition as a Strategy for Disruptive Behavior Among Pre-Kindergartners"	Caterina Nicole C. Aguirre, Denisse Marielle R. Cerilla, Anne Marie Ramos	Caterina Nicole C. Aguirre, Denisse Marielle R. Cerilla
1340-1350	37	Applied Literacy Skills of Grade Four Learners in MATATAG Curriculum English	Carmela M. Santos, Quennie Ann J. Palafox	Carmela M. Santos
1350-1400	49	It's a wonderful line	Jose Tristan Reyes	Jose Tristan Reyes
1400-1410	72	Contributing to the attainment of Sustainable Development Goals as a Service-Learning Instructor: Understanding the lived experience through transcendental phenomenology	Gabriel John C. Lazaro, Anne Marie R. Ramos	Gabriel John C. Lazaro
1410-1420	84	"MODULARIZATION: AN INCLUSIVE AND SUSTAINABLE APPROACH TO THE TEACHING OF DIFFERENTIAL CALCULUS	Lea Marissa S. Domingo	Lea Marissa S. Domingo
1420-1430	96	Beyond the Screen: Urban-Rural Contrasts in Filipino Preschoolers' Movement Behaviors – Findings from the SUNRISE Pilot Study	Marites Tiongco, Mitzie Irene Conchada, Raymund Sison, Roberto Javier Jr, Tony Okely	Marites Tiongco
1430-1440	104	NUMBO: Exploring the Collaborative Skills and Engagement of Grade 9 Students during a Mathematics Performance Task	Ron Emmanuel Bernarte, Eman Cañete, Angelo Magay, Mary Carl Soriano. Abegail Udan, Jose Mari Calamlam	Angelo Magay
1440-1450	130	Learning Styles and Retention Level in General Physics 1 of Grade 12 STEM Students at Golden Acres National High School-Senior High School	Ma. Angela Esperanzate Abasta, Ma. Marites Bohol Abayare, Deanzel Flores Caliso, Rounin Natanio Cuenca, Jay Abiera Gutlay	Ma. Marites Bohol Abayare
1450-1500	151	Design and Development of Wearable Posture Notifier (WeaPoN) and Human Body Motion Analyzer	Oliver Sepnio, Alexander C. Abad	Alexander C. Abad

1500-1510	175	Virtual Chemistry Laboratory as a Chemistry Teaching Tool for the Mobile Platform	Nathan Andrei Asnan, Rafael Joshua Diaz, Christian Dave Tordillo, Michael Hamza Mustapha, Judith Azcarraga	Nathan Andrei J. Asnan
1510-1520	179	In-Service Mathematics Teachers' Technology Proficiency Self-Assessment for 21st Century Learning: A Cross-Sectional Survey	Maegan Asuncion, Evangeline Jamisola, Angelo Magay, Jerome Russel Mayhay, Asher Toledo	Evangeline Jamisola
1520-1620	OPEN FORUM / Q&A			
PS 3: Work, Leadership, and Transitions: Perspectives on Organizational Behavior and Professional Well-Being				
June 27, 2025 (Friday) (1330-1610) / Verdure Hall, 4th flr., HSSH				
Time	ID#	Title	Authors	Presenter
1330-1340	23	The Role of Social Capital and Habitus in Facilitating Transition to University	Amir A. Austria, Christine Joy A. Ballada,	Amir A. Austria, Christine Joy A. Ballada,
1340-1350	27	WORK-LIFE BALANCE ON JOB SATISFACTION AMONG EMPLOYEES OF A PAMPANGA-BASED BPO FIRM	CEDRIC JOSHUA BUSTOS JARCIA	CEDRIC JOSHUA BUSTOS JARCIA
1350-1400	34	Impact of Israel-Hamas Conflict on Consumer Animosity	Luz Suplico Jeong, Reynaldo Bautista Jr.	Luz Suplico Jeong
1400-1410	42	Comparative Analysis on the Impact of Anonymous Alternative Feedback Channels to Leadership Behavior in Selected BPO Companies	Mark Jayson Escaner, Mariano Ching, Mauricio Camayra Jr. and Neil Jasper Corozza	Mark Jayson L. Escaner
1410-1420	100	Determinants of Asset Misappropriation in Business Process Outsourcing Industry in the Perspective of Fraud Pentagon Theory: External Operations View	Jummitsu Sorimachi, Jocelyn Cruz	Jummitsu Sorimachi
1420-1430	102	GREEN HUMAN RESOURCE MANAGEMENT PRACTICES AND EMPLOYEE ENGAGEMENT IN INFORMATION TECHNOLOGY-ENABLED SERVICES COMPANIES IN MAKATI CITY	Josephine Zafra, Jayvie Guballo	Josephine Zafra
1430-1440	105	Managers Decision-Making Styles Among Fine Dining Restaurants in Mandaluyong City	Billie Solano, Faye Pampula, Niña Pineda, Jophet Sencida, Jayvie Guballo	Billie Solano
1440-1450	144	Overwork By Design: Undergraduate Edition	Gerardo L. Largoza	Gerardo L. Largoza
1450-1500	147	Exploring the Quality of Work Life of Civil Engineers at the DPWH Central Office: Perspectives on Workplace Conditions, Growth, and Societal Contribution	Aliana Micah Glorioso, Winston Andres Oreta, Cheryl Lyne Roxas, Arvin Sanchez	Aliana Micah Glorioso
1500-1510	204	A Case Study on Engineering Leadership and Strategic Communication in the Transition from University Research to Startup	Paulo Luis Lozano	Paulo Luis Lozano
1510-1610	OPEN FORUM / Q&A			

PS 4: Scientific Innovations for Health, Environment, and Sustainability: Interdisciplinary Approaches in Life and Physical Sciences

June 27, 2025 (Friday) (1330-1620) / Pardo Hall, 5th flr., HSSH

Time	ID#	Title	Authors	Presenter
1330-1340	33	Exploring Potential Molecular Targets of Ginkgo biloba Related to Alzheimer's Disease Pathology	Michael Josh Ramirez, Lyka Porras, Marion Jacildo, Jane Abigail Santiago	Michael Josh Ramirez
1340-1350	58	Exploring Mycobacterium tuberculosis Virulence Factor Interactions through In Silico Methods: Contributions to Sustainable Disease Control in the Philippines	Mary Emmanuelle Castaneda, Francis Paul Nicdao, Dyanne Jasmine Rafael, and Jane Abigail Santiago	Mary Emmanuelle Castaneda
1350-1400	67	Where Mood Meets Microbes: In silico Analysis of Dysbiosis and Its Metabolic Involvements in Major Depressive Disorder	Alyssa Nicole Cabarrubias, Julliehanna Rita Dadios, Dwaine Ira Larano, Jane Abigail Santiago	Alyssa Nicole Cabarrubias
1400-1410	87	Screening of surfactants and glycols for polyphenol extraction from cacao bean shell	Lawrence Belo, Jennivee Chua, Cynthia Madrazo	Jennivee Chua
1410-1420	117	Designing of a LAMP-based sensor in detecting nitrogen-starvation in Oryza sativa L. spp. indica	Yokimiko D. Torrejos, Mark Christian Felipe R. Redillas	Yokimiko D. Torrejos
1420-1430	140	"Electropolymerization of Polypyrrole on Carbon Electrodes: Effect of Pyrrole Concentration on Film Growth and Morphology	Gwen Castillon, Wilfred Espulgar, Carla Manzano	Gwen Castillon
1430-1440	163	Vapor-Liquid Equilibria of Isopropanol-Water Mixtures in the presence of Tetrasodium Ethylenediaminetetraacetic Acid	Juanito Fuellas, Luther King Jardin, Joseph Ronald Roque, Arianne Joy Melendres, Nathaniel Dugos, Allan Soriano, Vergel Bungay	Juanito Fuellas
1440-1450	169	Fabrication and Characterization of the Oxidation Process for 940 nm VCSEL Wafers	Yu Ma, Gil Nonato C. Santos	Yu Ma
1450-1500	181	"Cross-Instrument Transfer Learning for Geographic Origin Classification of Ubi "Kinampay" Variety (Dioscorea alata L.): Adapting Bench-Top ED XRF Models to Portable XRF Data	Jerald Bongalos, Angel Bautista VII, Dennis Jomoc, Roland Rallos, Grace Backian, Teresita Masangcay, Remjohn Aron Magtaas	Jerald B. Bongalos
1500-1510	191	Ganoderma lucidum hot water extract attenuates quorum sensing in extended-spectrum β -lactamase producing Escherichia coli	Troy Vincent Tan, Kevin Smith Cabuhat, Rich Milton Dulay	Kevin Smith Cabuhat
1510-1520	194	Comparative metagenomic analysis of Chanos chanos gut metagenome in brackish and marine environments from selected aquacultures in the Philippines	Antonio Miguel Imperial, Marc Lenard Merlin, Biena Marie Joaquin, Raymond Vincent Castillo, Maria Rowena Romana-Eguia, Ma. Carmen Ablan-Lagman	Antonio Miguel Imperial
1520-1620	OPEN FORUM / Q&A			

PS 5: Inclusive Planning and Policy: Intersections of Economy, Environment, and Urban Development in the Philippines

June 27, 2025 (Friday) (1330-1550) / Pardo Hall, 5th flr., HSSH

Time	ID#	Title	Authors	Presenter
1330-1340	12	Decomposition of Wage Differentials Across the Philippine Wage Distribution and The Role of Post-Secondary Educational Attainment	Maria Francesca Tomaliwan; Mariel Monica Sauler, PhD	Maria Francesca Tomaliwan
1340-1350	74	Assessment of Soil Erosion in the Bangon and Binahaan River Basins in Leyte Through GIS-Based RUSLE Modeling	Kent San Pedro, Sergi Garbanzos, Marla Maniquiz-Redillas	Kent San Pedro
1350-1400	77	Roots to Revenue: Upholding Economy and Humanistic Values	Anton Joaquin Baruelo, Gilliane Mckenzie Ong, Justine Rachel Siyang, Alexandra Bernice So	Justine Rachel Siyang
1400-1410	118	Auto-Priority Classification Of Road Segments For Repair For The Mandaluyong LGU	Geanne Ross Franco, Siefer Rija Boado, Julia Cyrille Coronel, Ziv Matthew Rodriguez, Syrel Elyssa Santiago	Geanne Ross Franco / Siefer Rija Boado
1410-1420	125	Innovative Approaches to Aquaponics: A Review of Current Practices, Strategies, and Impact Assessment	Sean Leenon S. Acuzar, Nathaniel James D. Estavillo, Sebastian M. Garino, Lawrence Belo, Ira Valenzuela	Nathaniel James D. Estavillo, Sean Leenon S. Acuzar
1420-1430	132	Dismantling Arguments that Promote Inflation and Malign Deflation	Roberto B. Raymundo	Roberto B. Raymundo
1430-1440	188	PUV Accessibility in an In-City Relocated Community: A Preliminary Study in LRB-Manggahan, Pasig City	John Dominic Franzuela, Aeron Garon, Clair Nicole Lota, Carl Gabriel Navarro, Paolo Ian Lucero, Maria Cecilia Paringit,	John Dominic Franzuela
1440-1450	207	Typo-Morphology Approach: A Strategy for Upholding Cultural Continuity in Architectural Design	Patano, Melissa Ann, Aduca, Charles Darwin, Atuban, Christian, Briones, Justine Anne, Casiño, Andrea Rose, Comia, Charlize Azzlei, Domagas, Genial, Edaño, Jercey Maxene, Gramaje, James Isaac, Pimentel, Cassandra	Domagas, Genial
1450-1550	OPEN FORUM / Q&A			

DLSU ResCon 2025

Parallel Sessions (ONLINE)

PS 6: Smart Systems and Spatial Solutions for Resilient and Data-Driven Local Governance

June 28, 2025 (Saturday) (0900-1130) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	3	Franchisee Management System for 11 Nevada Management Group	Julia Bettina Dalipe, Matthew Rafael Florendo, Felipe Matteo Locsin, Brian Neil Salangsang, Marivic Tangkeko	Felipe Matteo Locsin
0910-0920	8	Communext: The NU Dasmariñas Community Extension Volunteer and File Management System	Elcanah Maria Costelo, Jasper Saldeo Javier, Fernando Daniel Cruz, Christian Dale Gabriel, Elmer Alino	Elcanah Maria N. Costelo
0920-0930	10	Barangay Disaster Response Support System (BDRSS) with Fingerprint Identification Technology for Barangay San Antonio	Lissa Andrea Magpantay, Archie Alquiros, Aleck Jasper Lim, Jan Daniel Lee Ng, Jeff Alison Wang	Jan Daniel Lee Ng
0930-0940	28	Design and Implementation of a Quasi Real-Time Air Quality Monitoring and Control System for Swine Production	Christian Deniel Tang, Renzi Jay Camansa, John Philip Gaas, Amier-Haqq Guerzon, Alvin Viola and Anamie Rabongue	Christian Deniel Tang
0940-0950	45	EQual: Egg Quality Grading Using YOLOv5	Gerald Arthur S. Gabatan, Shahannah B. Siguin, Francis Gene T. Ersando, Maylyn D. Angeles	Gerald Arthur S. Gabatan
0950-1000	71	Predicting Flood Occurrences in Caloocan City Using Select Machine Learning Models	Alyana Joy De Leon, Samira Allyson Fortuno, Andrea Nicole Madolora, Michaela Lynn Santos, Shirley Chu	Andrea Nicole T. Madolora
1000-1010	134	Evaluating the Performance of RegCM5 in Simulating the Near-Surface Air Temperature in Select Cities of Luzon, Philippines	John Ericson Domingo, Floro Junior Roque, Jazzie Jao, Edgar Vallar	John Ericson Domingo
1010-1020	139	Assessing Spatial Cognition in Level 1 Hospitals using Space Syntax Theory	Hannah Gayle Sannadan, Patrick Ivan Gabuyo, Mark August Derilon, Shinette Beth Bateg, Shaina Crell Lumsod, Ralph Elison Ramones, Vincent Ivan Bersabe, Leoncio Mayo, Adrian Balatero, Patrisha Beatrice Santos, and Ar. Myric Fagyan	Hannah Gayle Sannadan
1020-1030	168	Trips Generation of College Students in Fairview Quezon City, Philippines	Eric John Laron, Napoleon Solo Dela Cruz, Maria Cecilia Paringit	Eric John L. Laron
1030-1130	OPEN FORUM / Q&A			

PS 7: Innovative Pedagogies and Leadership in 21st Century Learning: Technology, Inclusion, and Teacher Development

June 28, 2025 (Saturday) (0900-1150) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	5	Understanding the Perceptions and Intentions of Pre-Service ECE Teachers in using GenAI	Arianne Rosewell Maling, Rhea Valera, Norman Dave Albo, Dhana Canoy	Arianne Rosewell Maling, Rhea Valera, Norman Dave Albo, Dhana Canoy
0910-0920	7	A Unified Approach: Testing the Effect of a Co-Teaching System in an Inclusive Classroom	Ana Janina Buenaflor, Ricci Mae Manzano, Jasper Vincent Alontaga	Ana Janina Buenaflor
0920-0930	22	Development of English Skills Practice Test Website for Omani Foundation Students: An ADDIE-Based Approach	Arnel C. Cornelio	Arnel C. Cornelio
0930-0940	25	GenAI in learning: How students' self-efficacy, access, attitude, and social influence affect their intent to adopt the technology	Violeta C. Valladolid, Rene S. Valladolid	Violeta C. Valladolid
0940-0950	29	Using Multisensory Strategies to Increase Student Engagement during Story Time Among Three-Year-Old Preschoolers	Maria Viktoria Q. Yaoto, Martina Leana R. Lucas	Maria Viktoria Q. Yaoto and Martina Leana R. Lucas
0950-1000	64	Tutees' Perceptions on Rural Farm School (RFS) Curriculum Implementation	ARNEL G. MANGROBANG	ARNEL G. MAQNGROBANG
1000-1010	91	Perceived Organizational Support and Role Conflict Towards Organizational Commitment of Teachers in Selected Private High Schools in the Fourth and Fifth District of Cavite	Shiela Mae G. Dogoy, Josua R. Ferrer, Bryan H. Supat, Jhunnel Kenneth R. Turla, Maria Andrea C. Francia, Cristina M. Signo	Shiela Mae G. Dogoy
1010-1020	95	E-Journey: A Self-Regulation Tool for Students' Academic Achievement in Select Grade 8 Mathematics Topics	Ruffa Mae C. Ediezca, Mikaela Victoria P. Pascua, Elaine Joy E. Salen, Asher B. Toledo, Angeline D. Vales, Denny Vincent M. Vergel, Jose Mari M. Calamlam	Ruffa Mae C. Ediezca
1020-1030	97	The Effect of Mastery Learning Approach (MLA) on Filipino Grade 5 Students' Numeracy Achievement	Camela Mae Nayre, Samantha Mae Lumapak, Daisy Rey Magcanta, Rosel Marbella, Venus Mirador, Veronica Rosario, Mharrie Lei Toling and Jose Mari Calamlam	Camela Mae Nayre
1030-1040	202	Gender and Leadership Styles in Philippine Public Schools: A Case Study of School Leaders in the Schools Division Office of Manila	Karl Eddie T. Malabanan	Karl Eddie T. Malabanan
1040-1050	127	More Than Words: Gen Z Students Reimagine Writing Through Video Essays	Gina Ugalingan	Gina Ugalingan
1050-1150	OPEN FORUM / Q&A			

PS 8: Human-Centered AI and Machine Learning Applications: From Wellness to Ethical and Sustainable Tech

June 28, 2025 (Saturday) (0900-1140) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	208	CrowdNotate: An Approach to Crowdsourcing the Annotation of Image Data in an Iterative Pipeline	Joel Ilao, Vincent Ilagan, Rayvhen Mico Rosima, Ralph Matthew Sanson	Joel Ilao
0910-0920	11	Developing a Language Maintenance Program for the Hanunoo Mangyan Language: Strategies in Sustaining Heritage	Rochelle Irene Lucas	Rochelle Irene Lucas
0920-0930	20	Leveraging Machine Learning for Emotion Detection and Real-Time Implementation of Calming Techniques to Enhance Mental Well-Being	Raphael Karlo Santiago, Lawrence Kerwin Amar, Ej Garrett Sosa, Adrienne Josh Sianghio, Alexander Abad	Adrienne Josh Sianghio
0930-0940	21	Automated Classification of Course Outcome-Program Outcome Alignment Using Transformer-Based Language Models	Gilfred Allen M. Madrigal, Melvin K. Cabatuan	Gilfred Allen M. Madrigal
0940-0950	51	Driver Attention Monitoring System with AI-Based Assistant for Fleet Operations	Henson Adrian Lee, Michael Judrick Aringo, Gabriel Alexis Ocampo, Jared Craig Ong, Melvin Cabatuan	Henson Adrian Lee
0950-1000	61	Smart Recognition of Seven-Segment Displays Using CNN for Sustainable Monitoring in Green Technologies	Ronnel Agulto, Harish Chawla, Julius Alvin Librando, Carlos Miguel Castro	Julius Alvin Librando
1000-1010	124	The ArchHive: A Linux-Based Monitoring Platform with Provisions for Future AI Integration in Equitable Learning Environments	John Ray Cardeno, John Willter Lagapa, Alexis Mae Yano, Ronnel Agulto	John Ray Cardeno
1010-1020	138	BiasX: A Feature-Based Framework for Explaining and Quantifying Gender Bias in Face Classification	Rixdon Niño Mape, Jerwin Glen Lucero, Jan Wilhelm Sy	Rixdon Niño Mape
1020-1030	141	MASID: Mobile Artificial Intelligence System for Image-Based Dish Generation: A Computer Vision and Prompt Engineering Application for Filipino Recipe Generation	Andrei Vincent Collado, Joackim Pether Agno, Vince Craig Buenaventura, Robert Patrick Francisco, Melvin Kong Cabatuan	Joackim Pether Agno
1030-1040	167	Development of a Symptom Checker Application Utilizing a Large Language Model with Prompt Engineering in Providing Clinical Impressions	Calvin Edward Coronado, Ghrazielle Rei de Ramos, Bruce Mercado, Erica Bernardo	Ghrazielle Rei de Ramos
1040-1140	OPEN FORUM / Q&A			

PS 9: Sustainable Futures: Ecological Innovation, Green Technologies, and Environmental Consciousness

June 28, 2025 (Saturday) (0900-1150) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	17	Deep Ecological Analysis on the Imminent Application of Artificial Intelligence in achieving UN Sustainable Development Goals for the Environment	Francis A. Villamora	Francis A. Villamora
0910-0920	44	First Report on the Leaf Ultrastructures of Ficus ulmifolia Lam. (Is-is)	Nesse Grace Resurreccion, Mariquit De Los Reyes	Nesse Grace Resurreccion
0920-0930	68	Direct and Indirect Evaporative Cooling Using a Flat Plate Heat Exchanger	Sherard Gilbert Ballon, Joseph Nathan Baluyot, Krisha Macalisang, Raphael John Pruto	Sherard Gilbert Ballon, Joseph Nathan Baluyot, Krisha Macalisang, Raphael John Pruto
0930-0940	69	Perceptions and Behavioral Intentions Regarding Composting Among Students and Staff of Metro Manila Universities Using the Theory of Planned Behavior and Norm Activation Model	Kharmella Nathasha De Guia Ngo, Julianne Katrina Yutankin So, Seth Samuel Kwong Villanueva, Trisha Gabrielle Castillo Villas, Angelique Blasa Cheng	Kharmella Nathasha Ngo
0940-0950	85	Analyzing the Water Quality Variation of Physicochemical Parameters in Bangon River in Palo, Leyte During Wet and Dry Weather	Gessel Abordo, Arvel Alde, Jaren Larraga, Sergi Garbanzos, and Marla Maniquiz-Redillas	Gessel Mae C. Abordo
0950-1000	92	Exploring Spiritual Values and Environmental Consciousness for Awakening Ecological Sustainability in Youth	Kavita Kumar and Shivani Gautam	Kavita Kumar and Shivani Gautam
1000-1010	123	Real-Time Vegetable Detector with Freshness Detector and Nutritional Value Display	Faith Shareine Teves, Louie Que, Jana Johannes Valenzuela, Alvin Josh Valenciano, Samantha Louise Aldaba	Faith Shareine Teves
1010-1020	135	Graphene Oxide/Indium Tin Oxide based Triboelectric nanogenerator (GiTO-TENG) for self-powering small-scale devices	Mitzi Ramiah Garcia, Virgilio Ebajo	Mitzi Ramiah Garcia OR Jose M. Esmeria Jr
1020-1030	176	Optimized Synthesis of Titania-Cobalt Phthalocyanine (TiO ₂ -CoPc) - Coated Geopolymer Spheres for Efficient Visible-Light Photodegradation of Methylene Blue	Renee Ordoña, Brenth John Infante, Derrick Ethelbherth Yu, Eiza Shimizu	Renee Ordoña
1030-1040	185	Legitimacy of Energy Development Corporation as the Green Bond Issuers towards achieving the SDGs	Nathanne Rafaielle Acosta, Charlie Matthew Cantos, Jessica Maye Tillas, Raphael Hari-Ong, Dra. Maria Victoria Tibon, Earl Eascareal	Charlie Matthew C. Cantos
1040-1050	186	The Green Makeover: Biotechnology 2.0 for Sustainable Fashion & Beauty in the Philippines	Yannikka Bata, Helena Bermudez, Maxine Rebanal,	Yannikka Bata, Helena Bermudez, Maxine Rebanal
1050-1150	OPEN FORUM / Q&A			

PS 10: Work, Leadership, and the Emerging Workforce: Navigating Behavior, Motivation, and Organizational Resilience

June 28, 2025 (Saturday) (0900-1150) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	110	Female Directors in Family-Controlled Firms: Does Family Affiliation Influence Performance?	Madeleine Estabillo, Andrae Tecson, Angelo Unite	Madeleine Estabillo
0910-0920	57	Organizational Climate, Workplace Incivility, Employee Job Satisfaction and Intention To Stay In Business Process Outsourcing (BPO) Companies	Trixia Vivien Avengoza, Ma. Julia Balaguer, Rona Calvez, Alleah Joey Pat, Carlo Emil Mañabo, and Mary Rose De Mesa	Trixia Vivien Avengoza
0920-0930	60	Driven by the Norm: Investigating 'Internmaxxing' Intentions Through a Mixed Methods Approach Among Philippine Universities	Shannen Dominique Go, Remil Angeline Plazuela, Gwyneth Sy	Shannen Go
0930-0940	106	Analyzing Non-Monetary Factors' Influence on Interns' Job Conversion Intent in Philippine SMEs	Chynna Mandela Bondoc, Robert Joshua Enriquez, Carlos Vicente Lozano, Lois Sebastian Peralta and Maria Adiel Aguilin	Carlos Vicente Lozano
0940-0950	107	When Gen Zs 'quiet quit': Role of Leader-Member Social Exchange and Resilience	Aceford Chua, Daniela Regina Jacinto, Nathalie May Libres, Lance Patrick Tiu, Maria Victoria Tibon	Aceford Chua, Daniela Regina Jacinto, Nathalie May Libres, Lance Patrick Tiu
0950-1000	111	Muted Potential: The Workplace Impacts of Perceived Introversion Mistreatment	Stephanie Lim, Krizzia Anne Marie Tan, Tijmie Anne Tan, Maricel Balatbat	Krizzia Anne Marie Tan
1000-1010	142	Decoding Work-Life Balance: Dimensionality Reduction and Predictive Classification	Lance Heinrich S. Lim, Lance Y. Natividad, Shirlee R. Ocampo	Lance Heinrich S. Lim, Lance Y. Natividad
1010-1020	160	Leading Through Chaos: Tackling Turnover in Philippine Start-ups with Transformational Leadership	Erin Mikaela Ng, Sky Alecbryant Porras, Alleana Sotera Ranillo, Vahn Oswell Tan, Retchell Morales and Maria Paquita Diongon-Bonnet	Erin Mikaela Ng
1020-1030	189	Understanding the Triple Helix of ESG Activities and Purchase Intention —A Mixed Methods Cross-Case Investigation of Consumer Response Mechanisms	Madeleine Astrid Ang, Angeline Cristel Pua, Beal Cynric Sy, Justine Amanda Villacorta, Adrian Mabalay and Liza Mae Fumar	Madeleine Astrid Ang, Angeline Cristel Pua, Beal Cynric Sy, Justine Amanda Villacorta
1030-1040	199	Exploring How Filipino Nano-entrepreneurs Survive—Nay, Thrive—Through Resilient Reintegration	BONGADO, Keindyll Maxine C., LIQUETE, Rica Francine F., ONG, Derrick P., SALAC, Levin C.	Keindyll Maxine C. Bongado
1040-1050	205	Gen-Z Adaptation in FMCG: Critical Realist Study on Coping and Job Embeddedness	Julianne Martina C. Dy, Cathrina Rae U. Salazar, Caryll Justine T. Tiu, Alyana Olivia I. Yu, Shieradel V. Jimenez	Julianne Martina C. Dy, Cathrina Rae U. Salazar, Caryll Justine T. Tiu, Alyana Olivia C. Yu
1050-1150	OPEN FORUM / Q&A			

PS 11: Scientific Frontiers in Structure, Sustainability, and Bio-Innovation

June 28, 2025 (Saturday) (0900-1150) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	9	Volcanic ash characterization and impact assessment during the 2024 Mt. Kanlaon Eruption	Reilly Bautista, Jumar Cadondon, Jose Jr. Esmeria, Edgar Vallar, Maria Cecilia Galvez	Reilly Bautista
0910-0920	13	Root Tensile Strength of Bermuda Grass (<i>Cynodon dactylon</i>)	Joel Galupino, Erica Elice Uy, Ram Voltaire Gonzaga, Geofferson Montemayor	Joel Galupino
0920-0930	14	Comparative Study of Hole Stiffeners for Improved Compressive Strength of Cold-Formed Steel C-Section Members	Bernardo Lejano, Mica Embuscado, Felicity Amoroso, John Vincent Limsico, Miguel Carlos Panganiban	Mica Embuscado
0930-0940	16	Utilization of Water Hyacinth Ash and Fly Ash Reinforced with Water Hyacinth Fibers in the Enhancement of Compressive and Split Tensile Strength of Concrete	Bernardo Lejano, Liezel Rioflorida, Bernard Basilan, Lemuel James Oliva, Rei Mari Gabriel Untiveros	Liezel Rioflorida
0940-0950	36	Deciphering Dengue: A Bioinformatic Quest for TLR7/8-Recognized RNA Signals across Serotypes	Alexi Nicole Angala, Lance Elizabeth Magat, Elaine Jan Mendoza, Jane Abigail Santiago	Lance Elizabeth Magat
0950-1000	39	Development of Robotics-Assisted Acid-Base Titration Setup and Laboratory Activity for Grade 11 STEM Learners	Jupiter O. Yap, Johannes L. Remotigue, Ellen J. Castro, Aldrine A. Cagang, Sotero Jr O. Malayao, Joy R. Magsayo, Joan Rose T. Luib	Jupiter O. Yap
1000-1010	40	The Overturning Response of Rigid Blocks to Increasing Amplitudes of Sinusoidal Accelerations	Daniel Christopher Jugno, Erich Alessandra Ignacio, Jannah Victoria Mendoza, Sean Anthony Zabala, Lessandro Estelito Garciano	Daniel Christopher Jugno
1010-1020	48	An Analysis of the Determinants Influencing Modular Construction in the Philippines: A Case Study in Bulacan	Graciela Anne Marie Aloit, Dave Eugene Casangcapan, Natalie Kraut, Lessandro Estelito Garciano and Allyanah Sofia Soriano	Allyanah Sofia Soriano
1020-1030	78	Virtual Screening Of Esculetin From Aloe vera (<i>Aloe barbadensis</i>) as a Potential VEGF Inhibitor Against Angiogenesis And Excessive DNA Replication	Jeffrey Carlo Belmonte, Mac Rigel Gellego, Franco Alexis Balmoris, Jose Miguel Palitog, Bienvenido Amiel Delos Reyes, Mary Daphne Gail Ruiz, Jianah Chriselle Pondanera, Juriz Grace San Pedro, Jane Abigail Santiago	Franco Balmoris
1030-1040	112	Phenotypic Characterization and Molecular Identification of Leaf Litter Fungi from Mango Orchard at Central Luzon, Philippines	Kristine Grace Waing, Llwelyn Espiritu, Rich Milton Dulay	Kristine Grace Waing
1040-1050	113	Evaluation of the Antioxidant Property and Total Phenolic Content of Woolly Joint Prickly Pear <i>Nopalea cochenillifera</i> (Linn.) Salm-Dyck	Alyson Kathleen Aldas, Neil Aldrich Salarda, Raymond Malabed	Raymond Malabed
1050-1150	OPEN FORUM / Q&A			

PS 12: Society, Language, and Well-Being in a Digital and Developmental Philippine Landscape

June 28, 2025 (Saturday) (0900-1130) / via Zoom <http://dlsuresearch.com/ResCon2025-D3-PS>

Time	ID#	Title	Authors	Presenter
0900-0910	119	Say It Right: Generational Shifts in Kapampangan and the Language of Legal Rights	Gina Ugalingan	Gina Ugalingan
0910-0920	129	Faith and Facebook: Religious Emotions and Divorce Discourse in the Philippines	Gina Ugalingan	Gina Ugalingan
0920-0930	43	Philippine openness to trade determinants revisited	Paulynne J. Castillo	Paulynne J. Castillo
0930-0940	53	Probing technostress factors in social media using the Techno Stressor-Techno Strain-Techno Outcome model: An examination of Filipino Facebook users	Joel Andrew B. Cruz Jr	Joel Andrew B. Cruz Jr
0940-0950	81	Physical Health Management of 4P's Learners in Calibungan High School	Mylene R. Tan	Mylene R. Tan
0950-1000	101	Introducing a QOL Provider-Receiver Model for Assessing Disciplinary Contributions to Quality of Life: A Civil Engineering Perspective	ANDRES WINSTON C. ORETA	ANDRES WINSTON C. ORETA
1000-1010	109	The Effect of Well-Being on Savings Behavior: Evidence from the World Values Survey	Madeleine Estabillo	Madeleine Estabillo
1010-1020	145	Kapwa in Action: Entanglement of Relational Filipino Virtues with Dynamic Capabilities in Agri-Social Enterprises	Alexa Andrea Abary, Jose Alessandro Roxas, Melka Pearl Antipolo, Hannah Sharmae Prado and Patrick Adriel Aure	Alexa Andrea Abary
1020-1030	146	Analyzing the Influence of Language Use on Sentiment Analyzers Using Reviews Gathered From Internet Platforms	Patrick Kyle Ang Ngo Ching, Constantine Juris Chico, Darrin Lipardo, Miguel Anton Pedraja, Charibeth Cheng	Patrick Kyle Ang Ngo Ching
1030-1130	OPEN FORUM / Q&A			