

*Sir Chief Sal*  
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Division Advisory No. 17 s. 2024  
April 11, 2024

In compliance with DepEd Order (DO) No. 8, s. 2013  
this advisory is issued not for endorsement per DO 28, s. 2001,  
but only for the information of DepEd officials,  
personnel/staff, as well as the concerned public.  
(Visit [www.depedcdo.net](http://www.depedcdo.net))

INVITATION TO JOIN THE 6<sup>th</sup> DE LA SALLE UNIVERSITY SENIOR HIGH SCHOOL  
RESEARCH CONGRESS

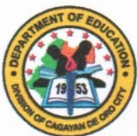
In consonance with the letter from Mr. Dastin M. Tabajunda, Head, Communications Committee, 6<sup>th</sup> DLSU SHS Research Congress, all interested senior high school students and research advisers are encouraged to join the said virtual research congress on June 11 and 13, 2024.

Participation in this activity shall be voluntary. For more details, please access the 6<sup>th</sup> DLSU SHS Research Congress Primer or email at [shsresearchcongress@dlsu.edu.ph](mailto:shsresearchcongress@dlsu.edu.ph)

Attached is a copy of the communication for reference.

JDP / information campaign  
April 11, 2024

*Joel Pafar*



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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

Date : **April 01, 2024**

To : **School Heads  
Research Coordinators and Mentors**

From : **The 6<sup>th</sup> DLSU SHS Research Congress Committee**  
De La Salle University Manila  
2401 Taft Avenue, Manila, Philippines, 1004

Re : **6<sup>th</sup> De La Salle University Senior High School Research Congress**

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Greetings in St. La Salle!

We are pleased to invite you to the **6th DLSU SHS Research Congress** to be held virtually on **June 11 and 13, 2024**, with the theme: "*Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future.*" **This year's Congress is open to all interested students and faculty, free of charge!**

The **DLSU SHS Research Congress** is the largest annual gathering of senior high school research mentors and students in the country. This Congress is a venue for research-based ideas, business concepts and products, and art performances and exhibitions from the capstone projects of senior high school students. The 6th DLSU Research Congress is fueled not only by the growing reliance on artificial intelligence in academia but also by DLSU Integrated School's unwavering dedication to sustainability, encapsulated in the event's theme. In recognizing the societal inclination towards instant gratification and mindless consumption, the Congress also advocates for the welfare of future generations, urging the present generation to act as stewards of today's resources. It seeks to explore how we can navigate the realm of AI productively and sustainably, mitigating potential consequences.

Highlighting a paradigm shift in problem-solving, the Congress is anchored on the transformative potential of powerful technologies when wielded responsibly. These technologies provide unprecedented access to computing power, enabling us to scale, predict, and innovate, ultimately guiding us toward novel solutions, leading to a smarter and more sustainable future.



## Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

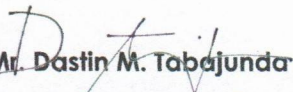
The **DLSU SHS Research Congress** is committed to advancing sustainably and consciously while recognizing the significance of innovation, bridging faith and scholarship, and emphasizing the role of research in maximizing available technologies. As Industry 5.0 places a premium on human impact, integrating innovation and sustainability in education ensures a proactive approach to navigating the frontiers of advancement.

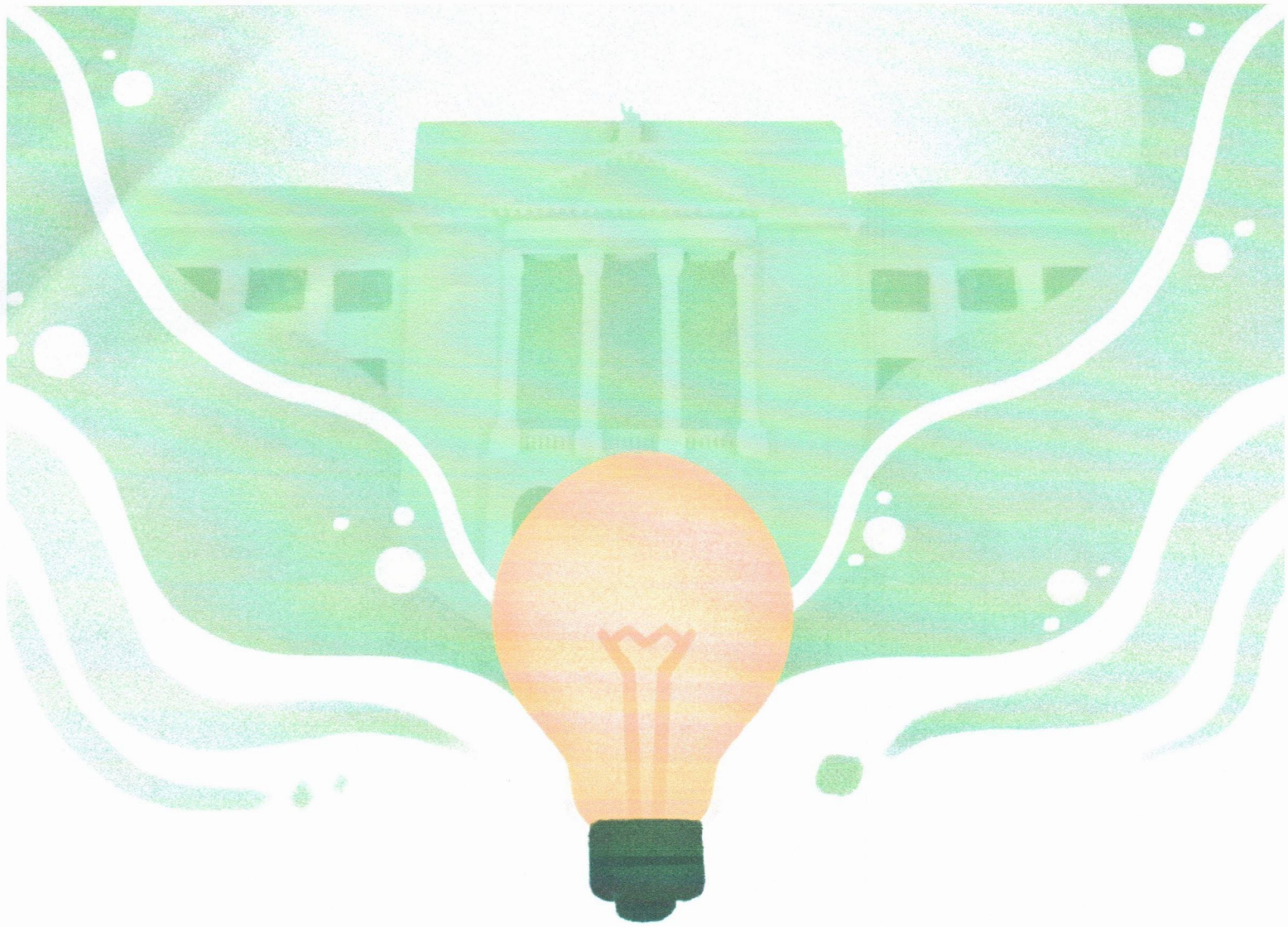
**We are excited to have your school participate in the Congress.** For further details, you may refer to the [6th DLSU SHS Research Congress Primer](#). Since the **registration for the Congress is done per school**, all interested schools must complete this [School Registration Form](#).

Should you have other queries, you can also visit our website, or email us at: [shsresearchcongress@dlsu.edu.ph](mailto:shsresearchcongress@dlsu.edu.ph). To receive timely updates about the Congress, please like and follow our new [Official Facebook page](#).

**We look forward to welcoming you to the 6th DLSU SHS Research Congress! Thank you very much.**

In St. La Salle,

  
**Mr. Dastin M. Tabajunda**  
Head, Communications Committee  
6th DLSU SHS Research Congress



**Frontiers in Artificial Intelligence:**  
Traversing the Realm of AI for a  
Smarter and More Sustainable Future

**June 11 & 13, 2024**



# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## THE 6TH DE LA SALLE UNIVERSITY SENIOR HIGH SCHOOL RESEARCH CONGRESS

De La Salle University Integrated School renews its commitment to academic excellence and innovation through its annual DLSU Senior High School Research Congress, the largest gathering of senior high school research mentors and students in the Philippines. This initiative aligns with the goals of Industry 5.0, a new phase in the Industrial Revolution that prioritizes collaboration between humans and machines to drive progress.

In the context of Industry 5.0, integrating advanced technologies such as big data analytics, the Internet of Things, collaborative robots, digital twins, cloud computing, and artificial intelligence enables evolutions in healthcare, supply chain, production, cloud manufacturing, research, and education. The DLSU SHS Research Congress is committed to advancing sustainably and consciously while recognizing the significance of innovation, bridging faith and scholarship, and emphasizing the role of research in maximizing available technologies. As Industry 5.0 places a premium on human impact, integrating innovation and sustainability in education ensures a proactive approach to navigating the frontiers of advancement.

The 5th edition of the Congress was a testimony to the significant accessibility and extensive reach of the user-friendly digital platform. Over 3,550 participants from 65 schools nationwide participated in the Congress in various capacities. They contributed to over 200 performances, exhibitions, papers, and poster presentations across diverse fields, including the humanities, social sciences, life and natural sciences, and business. This significantly enriched the academic discourse across disciplines and reflected the event's success.

The 6th DLSU Research Congress is fueled not only by the growing reliance on artificial intelligence in academia but also by DLSU Integrated School's unwavering dedication to sustainability, encapsulated in the event's theme, ***"Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future."*** In recognizing the societal inclination towards instant gratification and mindless consumption, the Congress also advocates for the welfare of future generations, urging the present generation to act as stewards of today's resources. It seeks to explore how we can navigate the realm of AI productively and sustainably, mitigating potential consequences.

Highlighting a paradigm shift in problem-solving, the Congress is anchored on the transformative potential of powerful technologies when wielded responsibly. These technologies provide unprecedented access to computing power, enabling us to scale, predict, and innovate, ultimately guiding us toward novel solutions, leading to a smarter and more sustainable future.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## THE CAPSTONE PROJECT

Virtual sessions, exhibits, and performances at the 6th De La Salle University Senior High School Research Congress will showcase the capstone projects of senior high school students from both domestic and international participating schools. Such events shall cover the following tracks and specific strands:

### Academic Track

Accountancy, Business, and Management Strand (ABM)

Humanities and Social Sciences Strand (HUMSS)

Science, Technology, Engineering, and Mathematics Strand (STEM)

### Arts and Design Track

Arts Production Strand

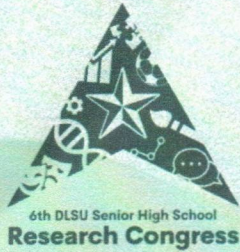
Performing Arts Strand

### Technical-Vocational-Livelihood Track

### Sports Track

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## THE CONGRESS EVENTS

### **Paper Presentation**

The Paper Presentation will showcase research concepts, collaborations, innovations, and products of various strands and tracks through an interactive virtual presentation.

### **Poster Presentation**

The Poster Presentation is an exhibition of research concepts, collaborations, innovations, and products of various strands and tracks through a virtual display of research posters.

### **Business Presentation**

The Business Presentation will provide an opportunity for future business professionals to exhibit their entrepreneurial skills, showcase their innovative products, and contribute to the various fields of business knowledge.

### **Arts and Design Research Presentation**

The Arts and Design Research Presentation is a platform for emerging artist-researchers whose research and/or creative works are in the visual arts, design and applied arts, digital arts, film, creative writing, performing arts, music, dance, and community-based artistic projects.

### **Master Class**

The Master Class encourages mentors and scholars across countries to apply, collaborate, and integrate into the pursuit of sustainable actions through research.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## REGISTRATION GUIDELINES

1. The 6th DLSU SHS Research Congress on **June 11 & 13, 2024**, is **exclusive to Grade 11 and 12 senior high school students of Academic Year 2023–2024** from schools all over the world.
2. Registration for the Congress is done per school, **with a minimum of one (1) student and one (1) faculty. A maximum of 50 registrants per school** (already inclusive of the number of teachers and students) is allowed to register for the Congress.
3. Since the Congress will be conducted through an online platform, there shall be **no registration fees** to be collected from the participants.
4. All interested schools must complete the [School Registration Form](#).
5. Registration starts on **March 15, 2024** and ends on **May 31, 2024**.
6. After completing the form, a **confirmation email** from the Communications Committee will be sent to the school along with the **official registration sheet**. **ONLY** those whose names appear in the official registration sheet shall be considered as **Registered Participants**. The confirmation email also includes the invitation to the Congress Events.
7. The following shall be provided by the organizers to the confirmed participants: **Book of Abstracts, Certificate of Participation, Congress Proceedings, and use of Congress virtual facilities**.
8. To protect the privacy and security of Congress participants during the virtual events, **no on-the-spot registration** will be accommodated.
9. Further inquiries shall be directed to the Communications Committee at [shsresearchcongress@dlsu.edu.ph](mailto:shsresearchcongress@dlsu.edu.ph).

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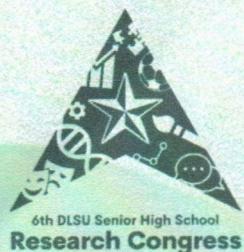
# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## CALL FOR PRESENTERS

1. The Congress invites presenters to the following events: **1) Paper Presentation, 2) Poster Presentation, 3) Business Presentation, and 4) Arts and Design Research Presentation.**
2. As mentioned in the Registration Guidelines (page 4), a maximum of 50 faculty and students per school is allowed to register for the Congress. Please note that **only registered participants are eligible to submit their entries.** In addition, each registered school may **ONLY** submit a **maximum of 20 manuscripts** for all Congress events.
3. Submission of entries is from **March 15, 2024, to May 10, 2024, ONLY.**
4. There will be a blind selection process for all submitted **Presentation Papers, Poster Papers, Business Plans and Research, and Arts and Design Research.** However, the 5th DLSU SHS Research Congress Committee reserves the right to exclude submitted manuscripts from review on the grounds of non-compliance with the Congress' format, scope, and guidelines.
5. Notices of Acceptance and Non-Acceptance will be released from **May 24 to 31, 2024.**
6. Registered Participants whose **Presentation Papers, Poster Papers, Business Plans and Research, and Arts and Design Research** are accepted are automatically considered as **Presenters.**
7. Please find **General Congress Event Requirements** on the succeeding pages for your reference. Non-compliance with the required format or process merits disqualification.
8. Further details, requirements, and instructions will be **EXCLUSIVELY** sent to the registered participants.
9. Further inquiries shall be directed to the Communications Committee at [shsresearchcongress@dlsu.edu.ph](mailto:shsresearchcongress@dlsu.edu.ph).

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## CONGRESS EVENT REQUIREMENTS

### Paper Presentation

1. Participants who are interested in joining this event may submit their **Research Manuscripts** whose topics are related to any of the following themes:

Paper Presentation Research Themes	Code
Food, Nutrition, and Health	<u>FNH</u>
Materials Engineering	<u>MEN</u>
Sustainability, Environment, and Energy	<u>SEE</u>
Computer and Software Technology and Robotics	<u>CSR</u>
21st Century Learning and Innovations	<u>CLI</u>
Gender, Human Development, and the Individual	<u>GHI</u>
Family, Relations, and Social Structure	<u>FRS</u>
Media and Philippine Studies	<u>MPS</u>
Living Culture and Contemporary Societies	<u>LCS</u>
Entrepreneurship, Business Management, and the Organization	<u>EBO</u>
Socio-Economic and Political Landscape	<u>SPL</u>
Theoretical, Philosophical, and Historical Studies	<u>TPH</u>

2. Entries for this Congress Event should use the [Paper Presentation Template](#). Authors are required to **download the format** and **edit with Microsoft Word**.
3. Further details, requirements, and instructions will be **EXCLUSIVELY** sent to the **registered participants**.

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## Poster Presentation

1. Participants who are interested in joining this event may submit their **Research Manuscripts** whose topics are related to any of the following themes:

Poster Presentation Research Themes	Code
Food, Nutrition, and Health	<u>FNH</u>
Materials Engineering	<u>MEN</u>
Sustainability, Environment, and Energy	<u>SEE</u>
Computer and Software Technology, and Robotics	<u>CSR</u>
21st Century Learning and Innovations	<u>CLI</u>
Gender, Human Development, and the Individual	<u>GHI</u>
Family, Relations, and Social Structure	<u>FRS</u>
Media and Philippine Studies	<u>MPS</u>
Living Culture and Contemporary Societies	<u>LCS</u>
Entrepreneurship, Business Management, and the Organization	<u>EBO</u>
Socio-Economic and Political Landscape	<u>SPL</u>
Theoretical, Philosophical, and Historical Studies	<u>TPH</u>

2. Entries for this Congress Event should use the [Poster Presentation Template](#). Authors are required to download the format and edit with Microsoft Word.
3. Further details, requirements, and instructions will be **EXCLUSIVELY** sent to the **registered participants**.

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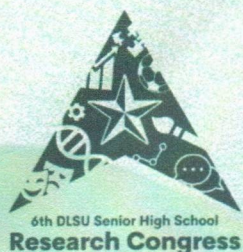
# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## Business Presentation

1. Submission of the **Business Plan or Business Research** (includes research in Production, Marketing, Organizational Behavior, Finance, Accounting, and Economics) is required of all participants who intend to showcase their business concepts or present their research.
2. The **Business Plan** should contain the following:
  - I. Title Page (Business Name, Business Members, School Name, Business Logo)
  - II. Executive Summary
  - III. Business Registration and Organization
  - IV. Business Plan Implementation
    - A. Production
    - B. Marketing (Product, Price, Place, and Promotion)
    - C. Human Resources
    - D. Finance (Projected Vs. Actual)
  - V. Product Diversification
  - VI. Future Plans
  - VII. Appendices
3. The **Business Research** should contain the following:
  - I. Title Page (Research Title, Researchers, School Name)
  - II. Abstract
  - III. Introduction
  - IV. Methodology
  - V. Results and Discussion
  - VI. Conclusions
  - VII. References
  - VIII. Appendices
4. Entries for this Congress Event should use the [Business Plan Template](#) or [Business Research Template](#). Authors are required to download the format and edit with Microsoft Word.
5. Further details, requirements, and instructions will be **EXCLUSIVELY** sent to the **registered participants**.

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## Arts and Design Research Presentation

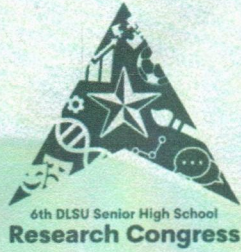
1. The Congress invites senior high school students to submit their arts and design research or fully documented creative work. Submissions can fall into any of the following categories:

Category	Code	Genre
Visual Arts	VA	Two-dimensional (Painting, Printmaking) Three-dimensional (Engraving, Sculpture, Installation Art)
Design and Applied Arts	DAA	Architecture, Interior Design, Furniture Design / Product Design, Crafts / Decorative Arts, Fashion Design
Digital Arts	DA	Graphic Design , Digital Illustration, Game Design, Mobile App design
Photography, Film and Animation	FLM	Photography, Short Film, Documentary, Animated Short, Experimental/ Video Art
Creative Writing	CW	Poetry Collection, Short Story, Flash Fiction, Play, Novel, Experimental/hybrid writing
Theater and Performance Art	TA	Performance of a scene excerpt from a play or performance device Scenic, Costume, Make-up, or Puppetry Design Experimental/ Immersive Theater/ Performance Art
Dance and Movement Art	DNC	Performance of an original choreography
Music and Sonic Art	MUS	Performance of an original composition
Community Art Initiatives	CAI	Art-and-Design-based projects that promote and stimulate a vibrant art scene or deliver observable social interventions to the community.

2. Entries for this Congress Event should use the [Arts and Design Research Template](#). Interested participants must download the format and edit with Microsoft Word.
3. With the template above, interested participants are required to submit an academic paper accompanied by their artwork attachments. Please see the tables below for the required attachments for the selected category.

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Category	Genre	Attachments	Specifications
Visual Arts (VA)	Two-dimensional (Painting, Prints, Mural)	<ol style="list-style-type: none"> <li>High-resolution photographs of the artwork (3 close-ups and 2 wide shots) with dimensions</li> <li>PDF document describing the dimensions. Length in feet, weight in kilogram.</li> </ol>	<p><b>Solo Piece</b></p> <ol style="list-style-type: none"> <li>Any material or medium</li> <li>Length and Width: minimum of 3ft x 4ft, maximum of 4ft x 8ft</li> <li>Weight: maximum 20 kilos</li> </ol> <p><b>Series or Collection (min. of 3 pieces)</b></p> <ol style="list-style-type: none"> <li>Any material or medium</li> <li>Length and Width (per piece): minimum of 20 inches x 30 inches, maximum of 3ft x 4ft.</li> <li>Weight (per piece): maximum 10kgs.</li> </ol>
	Three-dimensional (Relief, Sculpture)	<ol style="list-style-type: none"> <li>High-resolution photographs of the artwork (3 close-ups and 4 wide shots) with dimensions, specifically: <ul style="list-style-type: none"> <li>■ Front</li> <li>■ Back</li> <li>■ Side profile</li> </ul> </li> <li>PDF document describing the dimensions. Length in feet, weight in kilos.</li> </ol>	<p><b>Relief (High, Low, Bas)</b></p> <ol style="list-style-type: none"> <li>Any material or medium</li> <li>Length and Width: minimum of 2ft x 2ft, maximum of 3ft x 4ft.</li> <li>Weight: maximum 20kgs</li> </ol> <p><b>Sculpture</b></p> <ol style="list-style-type: none"> <li>Any material or medium</li> <li>Length, Width, Height: minimum of 1ft x 1ft x 3ft, maximum of 5ft x 5ft x 5ft.</li> <li>Weight: maximum 50kgs</li> </ol> <p><b>Series or Collection (min of 3 pcs)</b> <u>Relief (High, Medium and Low)</u></p> <ol style="list-style-type: none"> <li>Any material or medium</li> </ol>

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			<ol style="list-style-type: none"> <li>Length and Width: minimum of 15 inches x 20 inches, maximum of 2ft x 4ft.</li> <li>Weight: maximum 20kgs.</li> </ol> <p><u>Free Standing</u></p> <ol style="list-style-type: none"> <li>Any material or medium</li> <li>Length, Width, Height: minimum of 1ft x 1ft x 1ft, maximum of 5ft x 5ft x 5ft</li> <li>Weight: maximum 50kgs</li> </ol>
	Installation Art (site-specific, interactive, light installation, sound/video installation, ephemeral)	<ol style="list-style-type: none"> <li>High-resolution photographs of the artwork (5 close-ups and 4 wide shots) with dimensions, specifically: <ul style="list-style-type: none"> <li>Front</li> <li>Back</li> <li>Side profile</li> </ul> </li> <li>High-resolution video-tour (maximum of 3 minutes) featuring parts/areas installation</li> <li>PDF document describing the dimensions. Length in feet, weight in kilos.</li> </ol>	<ol style="list-style-type: none"> <li>Any material or medium</li> <li>Size (floor/ ceiling/ wall): minimum of 5m<sup>2</sup>, maximum of 25m<sup>2</sup>.</li> <li>The installation piece must occupy 100% of the minimum space combined.</li> </ol>

Category	Genre	Attachments	Specifications
Design and Applied Arts	Architecture	JPEG or PNG images of: <ol style="list-style-type: none"> <li>floor plan with dimensions,</li> <li>exterior perspective, and</li> </ol>	<ol style="list-style-type: none"> <li>Floor plan scale (1:50 m)</li> <li>Dimensions may vary for exterior perspective drawing and scale model</li> </ol>

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		3. a high-resolution photograph of the scale model (close-up and wide shot)	
	Interior design	JPEG or PNG images of: <ol style="list-style-type: none"> <li>1. floor plan with dimensions,</li> <li>2. exterior perspective, and</li> <li>3. a high-resolution photograph of the scale model (close-up and wide shot)</li> </ol>	<ol style="list-style-type: none"> <li>1. Floor plan scale (1:50 m)</li> <li>2. Dimensions may vary for interior perspective drawing and scale model</li> </ol>
	Furniture design, Product Design	JPEG or PNG images of: <ol style="list-style-type: none"> <li>1. Working drawings with dimensions,</li> <li>2. Assembly drawings, and</li> <li>3. A high-resolution photograph of the prototype or actual product (close-up and wide shot)</li> </ol>	<ol style="list-style-type: none"> <li>1. Dimension may vary for the prototype</li> </ol>
	Crafts and Decorative Art	High-resolution photograph of the artwork (close-up and wide shot) with dimensions	<ol style="list-style-type: none"> <li>1. A collection of 5 pieces with different designs</li> <li>2. Minimum of 5 inches x 5 inches x 5 inches</li> <li>3. Material: wood, metal, textile, paper, and organic objects</li> </ol>
	Fashion Design	Design illustration (front and back) and high-resolution photograph of the actual apparel (close-up and wide shot)	<ol style="list-style-type: none"> <li>1. Colored illustration in A4-size image (digital or hand-drawn)</li> <li>2. Actual dress: any material</li> <li>3. Weight: minimum of 2kgs, maximum of 5kgs</li> </ol>

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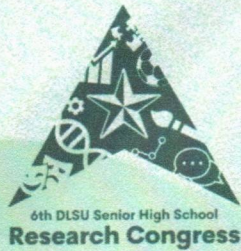
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Category	Genre	Attachments	Specifications
Digital Arts	Graphic Design/ Digital Illustration	JPEG format of the design rendered in 300 dpi and RGB mode with the title as a file name.	1. Maximum of A3-sized image
	Game Design	PDF copy of the game concept and gameplay scanned pencil sketches of concept art and digital illustrations of characters and/or environment (desktop or mobile interface mock-up)	1. Around A4-sized images (pencil sketches) 2. Digital Illustration is in A4 size rendered in 300 dpi and RGB mode.
	Mobile App design	PDF copy of the app concept, interface, user experience, scanned pencil sketches of concept art, and digital illustrations of icons, texts, and/or other elements (mobile interface mock-up)	1. Around A4-size images (concept sketches) 2. Digital Illustration is in A4 size rendered in 300 dpi and RGB mode

Category	Genre	Attachments	Specifications
Photography, Film and Animation	Photography	JPEG or PNG format of the photos with the title as a file name. File size should not be smaller than 5MB.	1. A collection of five (5) photos on the same subject or theme 2. In A4-sized, 200 dpi and RGB mode 3. Post-processing of photos is acceptable
	Short Film	720p resolution in .mp4 file video format with the title as file name	1. Duration: Maximum of 20 minutes, including opening and closing billboards 2. Any subject or theme following rated PG prescriptions (provocative/ sensitive subject)

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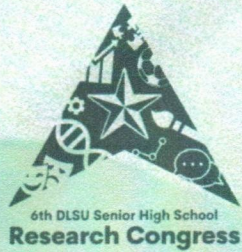


# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

			<p>matter must have a disclaimer or warning before the opening billboard)</p> <p>3. Use of original and/ or public domain music score soundtrack (otherwise, copyright or license to use in an educational setting must be secured first)</p>
	Documentary	720p resolution in .mp4 file video format with the title as file name	<p>1. Duration: Maximum of 25 minutes, including opening and closing billboards</p> <p>2. Any subject or theme following rated PG prescriptions (provocative/ sensitive subject matter must have a disclaimer or warning before the opening billboard)</p> <p>3. Use of original and/or public domain music score soundtrack (otherwise, copyright or license to use in an educational setting must be secured first)</p>
	Animated Short	720p resolution in .mp4 file video format with the title as file name	<p>1. Duration: Maximum of 8 minutes</p> <p>2. Any subject or theme following rated PG prescriptions (provocative/ sensitive subject matter must have a disclaimer or warning before the opening billboard)</p> <p>3. Use of original and/ or public domain music score soundtrack (otherwise, copyright or license to use in an educational setting must be secured first)</p>

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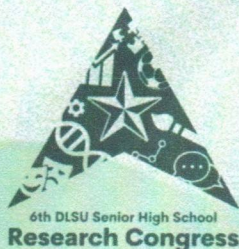
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	Video Art/ Experimental	720p resolution in .mp4 file video format with the title as file name	<ol style="list-style-type: none"> <li>1. Duration: Maximum of 20 minutes, including opening and closing billboards</li> <li>2. Any subject or theme following rated PG prescriptions (provocative/ sensitive subject matter must have a disclaimer or warning before the opening billboard)</li> <li>3. Use of original and/ or public domain music score soundtrack (otherwise, copyright or license to use in an educational setting must be secured first)</li> </ol>
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Category	Genre	Attachments	Specifications
Creative Writing	Collection of Poetry	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. A collection of five (5) poems of the same theme.</li> <li>2. Letter-size (8.5 x 11 inches)</li> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. In Filipino and/or English</li> <li>5. If Regional Language, an English translation should be provided</li> </ol>
	Short Story	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. One (1) short story with 5-10 pages on any theme</li> <li>2. Letter size (8.5 x 11 inches)</li> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. In Filipino and/ or English</li> </ol>

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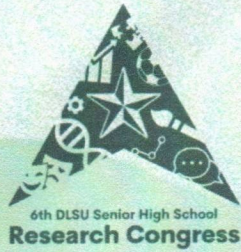


# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

			5. If in a regional language, an English translation should be provided
	Flash Fiction	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. A collection of five (5) flash fiction on the same theme or different themes, with 150-300 words each</li> <li>2. Letter size (8.5 x 11 inches)</li> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. In Filipino and/ or English</li> <li>5. If in a regional language, an English translation should be provided</li> </ol>
	Play	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. One (1) one-act or full-length play of any theme</li> <li>2. Approximate stage reading time of 15-30 minutes for one-act play and 30-60 minutes for full-length</li> <li>3. Letter size (8.5 x 11 inches)</li> <li>4. 12 Times New Roman, single-spaced with a blank between paragraphs including stage directions, 1-inch margin in Filipino and/ or English</li> <li>5. If in a regional language, an English translation should be provided</li> </ol>
	Novel	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. One (1) novel with 50-100 pages of any theme</li> <li>2. Letter-size (8.5 x 11 inches)</li> </ol>

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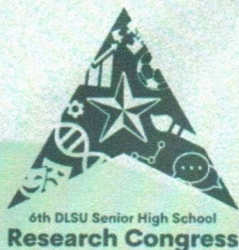
# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

			<ol style="list-style-type: none"> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. In Filipino and/ or English</li> <li>5. If in a regional language, an English translation should be provided</li> </ol>
	Experimental/ hybrid writing	PDF copy of the literary work	<ol style="list-style-type: none"> <li>1. One (1) work that combines two or more genres/forms of writing or merges creative writing with another art genre/ form, on any theme</li> <li>2. Letter-size (8.5 x 11 inches)</li> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. In Filipino and/ or English</li> <li>5. If in a regional language, an English translation should be provided</li> </ol>

Category	Genre	Attachments	Specifications
Theater and Performance Art	Excerpt from a play or a short play (Original, Canon, or Contemporary) Spoken word/Poetry Reading Devised Piece with broad-spectrum (No limit in form, style, technique)	Video demonstration of the scene performance with clear audio recording in .mp4 video file format with the title as filename.	<ol style="list-style-type: none"> <li>1. Duration: 1-20 minutes</li> <li>2. No limit to the number of performers</li> <li>3. May include a production team (director, playwright, stage manager, dramaturg, actor, etc.)</li> <li>4. No limit to the form, style, and technique as long as grounded in the production concept.</li> <li>5. Staging must be appropriate to the concept of play/piece. Preferably but not limited to a</li> </ol>

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			<p>black backdrop. Props and set pieces may be used.</p> <ol style="list-style-type: none"> <li>6. Actors should be in intended costume and make-up</li> <li>7. Cinematic angles and shots to assist storytelling/ staging may be used.</li> <li>8. Video clips can also be edited or undergo a post-production process.</li> <li>9. In Filipino, English, or any regional language</li> <li>10. Provocative/ sensitive subject matter must have a disclaimer or warning before the opening billboard</li> </ol>
	Scenic Design	<ol style="list-style-type: none"> <li>1. Video Scenic Tour Containing a brief explanation of the play or the source of the design.</li> <li>2. Image of the stage design illustration and high-resolution photograph of the stage scenic design scale model (close-up and wide shot)</li> </ol>	<ol style="list-style-type: none"> <li>1. Duration: 2-8 minute scenic tour video (Including the brief explanation of the source and concept)</li> <li>2. Scenic tours must include the creation process of the design.</li> <li>3. Colored illustration in A4-sized image</li> <li>4. Dimensions may vary for the scale model</li> <li>5. The scene may come from a specific act of a play</li> </ol>
	Costume Design and/or Make-up Design	<ol style="list-style-type: none"> <li>1. Video tour containing a brief explanation of the play or the source of the design.</li> <li>2. Design illustration (front and back) and high-resolution</li> </ol>	<ol style="list-style-type: none"> <li>1. Duration: 2-8 minute video including a brief explanation of the source, process, and design concept.</li> <li>2. Two (2) character costumes from a similar play</li> <li>3. Costumes must come from a specific act of the play</li> </ol>

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		<p>photograph of the actual costume (close-up and wide shot)</p> <p>3. Design illustration of Make-up design with close up shots on Eyes, Lips, Half of the face, and wide shot)</p>	<p>4. Colored illustration in A4-sized image</p> <p>5. The make-up design may come from a play, theme, or concept (e.g, Unity, Resilience, Hope)</p>
	Puppetry Design	<p>1. Video tour containing a brief explanation of the play or the source of the design.</p> <p>2. Design illustration (front and back) and high-resolution photograph of the actual costume (close-up and wide shot)</p>	<p>1. Duration: 2–8-minute video including a brief explanation of the source, process, and design concept.</p> <p>2. Two (2) or more puppet designs from a play or any piece.</p> <p>3. Colored illustration in an A4-sized image</p>
	Performance Art/ Experimental	<p>Video demonstration of the scene performance with clear audio recording in .mp4 video file format with the title as file name</p>	<p>1. Duration: 1 – 20 minutes.</p> <p>2. No limit to the number of performers</p> <p>3. Theater or film elements can be utilized.</p> <p>4. No limit to the form, style, and technique as long as grounded in the production concept.</p> <p>5. Staging must be appropriate to the concept of play/piece. Preferably but not limited to a black backdrop. Props and set pieces may be used.</p> <p>6. Actors should be in intended costume and make-up</p>

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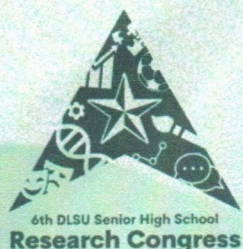
# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

			<ol style="list-style-type: none"> <li>7. Cinematic angles and shots to assist storytelling/ staging may be used.</li> <li>8. Video clips can also be edited or undergo a post-production process.</li> <li>9. In Filipino, English or any language (Regional, International, made-up language)</li> <li>10. Provocative/ sensitive subject matter must have a disclaimer or warning before the opening billboard</li> </ol>
	Immersive or interactive theater	Video or Audio demonstration of the immersive theater piece with the use of one or more theatrical elements such as and not limited to sound design, video design, lighting design, website performance design.	<ol style="list-style-type: none"> <li>1. Duration: 1-20 minutes immersive content</li> <li>2. Content could be as simple as ambiance immersion, lighting shows with sound, or a collection of videos edited together as long as it is grounded in the production concept of the performance.</li> <li>3. Can include actors as part of the design</li> <li>4. Must include special instructions to the viewers/listeners if needed (e.g., wear headphones, watch in a dark room, etc.)</li> <li>5. The piece may or may not include a flow. It could be in a loop with an extreme length where viewers/listeners can come and go; or have a clear beginning, middle, and end.</li> <li>6. Provocative/ sensitive subject matter must have a</li> </ol>

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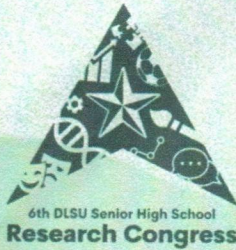
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Category	Genre	Attachments	Specifications
Dance and Movement Art	Performance of an originally choreographed dance	PDF copy of the dance description/synopsis and video demo of the dance choreography in .mp4 video file format with the title as file name	<ol style="list-style-type: none"> <li>1. Duration: 5 to 10-minute dance piece</li> <li>2. Solo or duo</li> <li>3. Captured in a wide shot steady single angle video.</li> <li>4. Can include a version that uses cinematic angles to assist in storytelling.</li> </ol>

Category	Genre	Attachments	Specifications
Music and Sonic Art	Performance of an original composition (single or extended play (EP))	PDF copy of the music score and/or lyrics, photo of the single or EP cover, and video demo of the entire performance in .mp4 video file format with the title as a file name.	<ol style="list-style-type: none"> <li>1. Duration: 3 to 12 minutes</li> <li>2. Any music genre</li> <li>3. In Filipino, English, or any regional Language (for vocals)</li> </ol>

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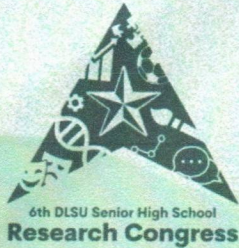
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Category	Genre	Attachments	Specifications
Community Art Initiatives	Art events, projects, self-curated exhibition/performance, community-based art, art-based community engagements, service-learning activity, social enterprise projects, or information campaigns/advocacies.	<ol style="list-style-type: none"> <li>1. PDF copy of full report containing day-to-day documentation of the project implementation, art process involved, design elements and materials,</li> <li>2. Video report in 720p resolution in .mp4 file video format with the title as file name</li> </ol>	<ol style="list-style-type: none"> <li>1. Around four (4) to ten (10) pages</li> <li>2. letter size (8.5X11 inches)</li> <li>3. Times New Roman, font size 12, double-spaced, 1-inch margin</li> <li>4. Photo attachments (in full color)</li> <li>5. In Filipino and/or English</li> <li>6. If in a regional language, an English translation should be provided</li> <li>7. Duration of Video Report: 3 – 5 minutes.</li> </ol>

4. Interested participants **MUST submit their original work and declare authenticity**. This event also allows works that have been presented at other conferences, exhibited in galleries or art spaces, screened in film festivals, or performed in theaters and stages.
5. **ONLY** finished and complete manuscripts and artworks will be accepted. In addition, the artistic work should not contain pornographic, obscene, extremely violent, unnecessarily provocative content (images, audio, video, or text) *nor messages that promote hate towards a particular race, ethnicity, physical quality, gender, religious belief, or social class.*
6. The panel reviewers will evaluate the submissions based on the following: research content, process, writing, craftsmanship, concept/ creative direction, aesthetic impact, and appropriateness to be presented in a research forum and public exhibition. The panel reviewers reserve the right to reject or accept art research and creative works. Some accepted works may be given instructions for further revision and improvement. This is to streamline the works with the curatorial directive of this Congress event.
7. Further details, requirements, and instructions will be **EXCLUSIVELY** sent to the **registered participants**.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## 6TH DE LA SALLE UNIVERSITY SENIOR HIGH SCHOOL RESEARCH CONGRESS SPEAKERS

### KEYNOTE SPEAKER

#### Dr. Ethel C. Ong

Dr. Ethel C. Ong envisions enhancing man-machine interactions through Artificial Intelligence (AI) and Natural Language Processing (NLP) for the betterment of human society. Hailing from De La Salle University's Center for Language Technologies, she develops automated story generation systems and narrative-based conversational interfaces, believing that computers can better communicate with and understand the needs of their human users by listening to and sharing stories. Her work has encompassed using conversational storytelling agents or chatbots for mental health awareness, cybersafety, socio-emotional development, and learning. Currently the *Dean of the College of Computer Studies* and previously the *Director for the Senior High School Engagement Program* at De La Salle University - Manila, she regularly conducts capacity training for students, educators, and researchers on topics that include designing the research curriculum, research ethics, publishing papers, and computational storytelling.

### PLENARY SPEAKERS

#### Dr. Patrick Adriel H. Aure

Accountancy and Business Management

Dr. Patrick Adriel H. Aure is an associate professor at the Department of Management and Organization, Ramon V. del Rosario College of Business, De La Salle University. He concurrently serves as the Director of the PHINMA-DLSU Center for Business and Society and as the Assistant Dean for Quality Assurance of RVRCOB. At the same university, he finished his Ph.D. in Business with a dissertation that explained the viability of social entrepreneurship support and incubation units within higher education through a critical realist philosophy of science. He teaches management principles, research methods, and action research in the undergraduate program while advocating for integral human development, qualitative research, authentic use of generative AI, and proper interpretation of statistics in management education. He has published journal articles, teaching cases, and opinion columns primarily on social enterprise business models, social entrepreneurial intentions, social enterprise incubation, sustainability, innovation, and management education. He has received recognition and awards for his accomplishments as a faculty and a researcher in the field. In 2022, he was elected as the President of the Philippine Academy of Management, where he advocated for the development of the country's business research competencies and the responsible use of AI.

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**Mr. Edward D. Cabagnot**  
Arts and Design Track

Mr. Edward Delos Santos Cabagnot's career in cinema and the academe spans over three and a half decades. Currently, he teaches film-related courses at the University of the Philippines, De La Salle University, and De La Salle - College of Saint Benilde, with a special teaching focus on Contemporary Southeast Asian Cinema, Film Festival Management, and Philosophy and Pinoy Cinema. He served at the Cultural Center of the Philippines as the Director of the CCP Media (Film, Broadcast & New Media) Arts Division. He was a founding member of the Cinemalaya Philippine Independent Film Festival. He managed Asia's longest-running indie film and video competition, the Gawad CCP Para Sa Alternatibong Pelikula at Video (CCP Independent Film & Video Competition). From the mid-70s, he has continued to write columns and articles for local and international publications. In 2007, he was awarded an Asian Public Intellectuals Fellowship Grant by the Nippon Foundation for his research, "Changing Landscapes, Changing Lives: The Changing Cinemas of Asia." His works, "Film Noir" and "Heidegger's Being and Time & Manuel Silos' Biyaya Ng Lupa" were published in Ateneo de Manila University's Budhi philosophy journal and by the UP Press, respectively. His latest course, "Introduction to AI Technology," aims to give a holistic understanding of Artificial Intelligence and its relationship to the Human Experience, especially in Media, Technology, and Society. It does this from diverse vantage points: its philosophical origins, the ethical challenges surrounding it, and its creative possibilities.

**Dr. Fides A. Del Castillo**  
Humanities and Social Sciences

Dr. Fides A. del Castillo graduated from Ateneo de Manila, De La Salle University, and Fordham University and took courses in Asian Theology, Gender, and Biblical Feminism at Roehampton University and Leadership, Communication, and Culture at Warwick University, London. Currently, she is an Associate Professor at De La Salle University. She teaches theology, spirituality, religious education, and research courses. She has held various administrative positions, such as department Chair of the Theology and Religious Department and Associate Dean of the College of Liberal Arts. She is the Associate Dean of the School of Innovation and Sustainability at De La Salle University-Laguna. She is a Lamin Sanneh Research Grant 2022-2024 Awardee of the OMSC, Princeton Theological Seminary, USA. She was a visiting scholar at Fuller Theological Seminary, USA, and KU Leuven, Belgium. She is a member of the Executive Committee of the International Association for Mission Studies and the President of the Network of Professional Researchers and Educators. She developed the Laylayan Theology in 2022, which theologizes a Filipino cultural concept that has been appropriated that privileges and brings to the fore the voices of the people from the margins. She is a journal guest editor of the 500 Years of Christianity in the Philippines: Impact on Asia and the World and The Role of Religion and Spirituality in Times of Crisis at Religions Journal (91st Percentile Scopus). Her latest edited books are the Flourishing Faith: 500 Years of Christianity in the Philippines and Basic Ecclesial Communities Historical Manuscript. Her research interest is Laylayan Theology, World Christianity, Religion, and Spirituality.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

**Dr. Jonathan Y. Cagas**  
Sports Track

Dr. Jonathan Y. Cagas is an Associate Professor in the Department of Sports Science at the University of the Philippines Diliman. He also serves as the Director of the Graduate Studies Program and Research Office of the UP Diliman College of Human Kinetics. His research primarily focuses on understanding the psychological and social factors influencing participation and non-participation in yoga and other forms of physical activity. In 2022, Jonathan led the development of the first Philippine Report Card on Physical Activity and Sedentary Behaviors in Children and Adolescents. Developed as part of the Active Healthy Kids Global Alliance Global Matrix 4.0 project, this report emphasized the need to create more opportunities for physical activity among Filipino youth and research that could influence physical activity program development, implementation, and policy in the Philippines.

**Dr. Aristotle T. Ubando**  
Sciences, Technology, Engineering, and Mathematics

Dr. Aristotle T. Ubando is the Assistant Dean for Research and Advanced Studies at the Gokongwei College of Engineering at De La Salle University. He is a Full Professor and Research Fellow at the Mechanical Engineering Department at the same University. He is the head of the Thermomechanical Analysis Laboratory at De La Salle University – Laguna Campus. He has published more than 180 Scopus-indexed journal papers at the national and international levels with an h-index of 27. Prof. Ubando was listed among the top 2% of the world's researchers based on composite metrics by Stanford University and Elsevier statisticians in 2021 and 2022. He is selected as one of the 2017 Asian Scientists 100 for his contribution to the sustainability field. He is a multi-awarded scientist in the Philippines, among his national awards, is the Outstanding Young Scientist in 2016 bestowed by the National Academy of Science and Technology. He is a recipient of the Achievement Award 2020 for his contribution to the Engineering Division of the National Research Council of the Philippines. His research includes finite element analysis, computational fluid dynamics, process integration and optimization, and energy system modeling.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## MASTER CLASS SPEAKERS

### **Dr. Ann Franchesca Laguna**

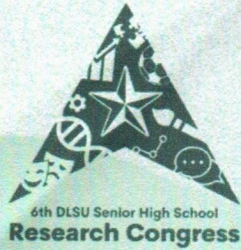
She is currently an Assistant Professor in the Department of Computer Technology at De La Salle University. She is also a member of the Bioinformatics Laboratory, the Center for Automation Research, and the Andrew L. Tan Data Science Institute at the university. She received her Ph.D. in Computer Science and Engineering from the University of Notre Dame, USA, in May 2022 under the Fulbright Scholarship. She received her MS degree in Electrical Engineering under the Engineering Research and Development (ERDT) Scholarship of the Philippine Department of Science and Technology (DOST) and a BS degree in Computer Engineering from the University of the Philippines – Diliman, 2012. She has published and reviewed in top conferences and journals, including Nature Communications and Nature Electronics. She is currently the managing editor of ACM Transactions on Design Automation of Electronic Systems (TODAES).

### **Dr. Thomas James Tiam-Lee**

Dr. Thomas James Tiam-Lee is a research fellow at the Andrew L. Tan Data Science Institute. He received his Ph.D. in Future University Hakodate in Hokkaido, Japan under a scholarship from the Japanese government. His dissertation is on the computational modeling of students' emotional states while learning programming. He has received several recognitions for his research work, including the best full research paper at the 14th International Conference on Intelligent Tutoring Systems. Currently, he is an assistant professor at De La Salle University's College of Computer Studies, where he focuses on artificial intelligence, computational social science, data science, and its applications to various fields and disciplines.

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

## 6TH DE LA SALLE UNIVERSITY SENIOR HIGH SCHOOL RESEARCH CONGRESS PROGRAM

<b>DAY 1</b> <b>June 11, 2024</b>
<b>Opening Program - 8:30-9:30 AM</b> <i>live.dlsu.edu.ph</i>
<b>Break</b>
<b>Plenary Talks</b> Accountancy, Business, and Management (ABM): 10:00 AM-11:00 AM Arts and Design Track (ADT): 10:00 AM-11:00 AM Humanities and Social Sciences (HUMSS): 10:00 AM-11:00 AM Sports Track (SpT): 10:00 AM-11:00 AM Science, Technology, Engineering, and Mathematics (STEM): 11:00 AM-12:00 NN
<b>Lunch Break - 12:00 NN-1:00 PM</b>
<b>Parallel Sessions</b> Arts and Design Research Presentation: 1:00-5:00 PM Business Presentation: 1:00-5:00 PM Paper Presentation: 1:00-5:00 PM Poster Presentation: 1:00-5:00 PM
<b>DAY 2</b> <b>June 13, 2024</b>
<b>Parallel Sessions</b> Arts and Design Research Presentation: 8:00 AM-12:00 NN Business Presentation: 8:00 AM-12:00 NN Paper Presentation: 8:00 AM-12:00 NN Poster Presentation: 8:00 AM-12:00 NN Master Class: 8:00 AM-12:00 NN
<b>Lunch Break - 12:00 NN-1:00 PM</b>
<b>Closing Ceremony - 3:00-4:00 PM</b> <i>live.dlsu.edu.ph</i>

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# Frontiers in Artificial Intelligence: Traversing the Realm of AI for a Smarter and More Sustainable Future

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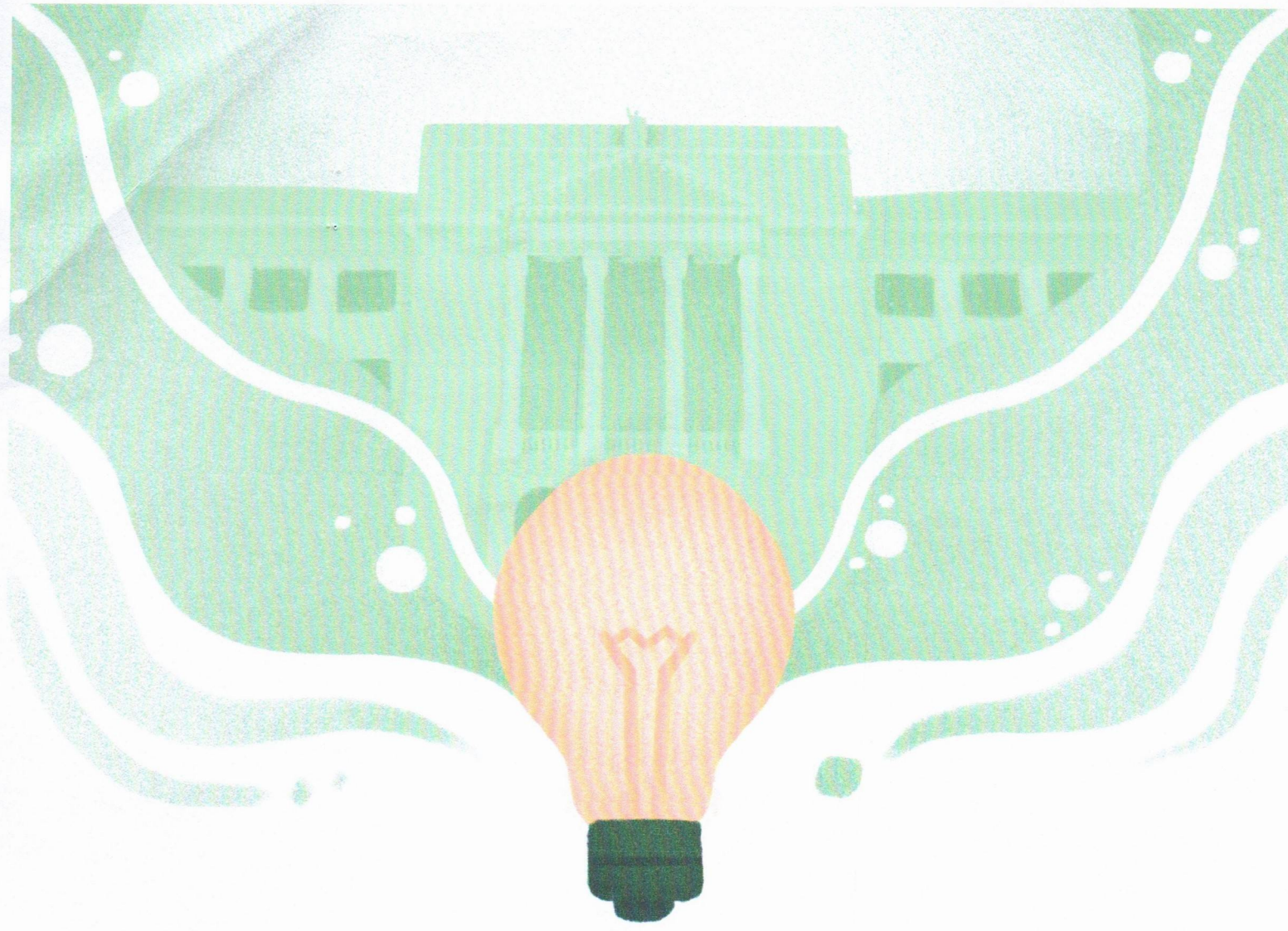
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