

Working Program
Asian Science Deans Forum 2024 (ASDF 2024)
Fostering Collaboration in Science and Technology for Sustainability
July 08-12, 2024
8th Floor, Crimson Hotel Filinvest City Manila,
Philippines

July 8, 2024 – Onsite Registration, and City Tour

[Onsite Registration begins at 13:00 at Mondrian Room, 8/F Crimson Hotel](#)

13:00 -13:15	Call Time 8F Lobby Near Mondrian Room
13:15 -13:25	To the Ground Floor Lobby
13:25 - 13:30	Dispatching, Departure
13:00 - 18:00	Filinvest City to Manila City through Skyway/Quirino Exit, pass around Intramuros Walls, pass by Luneta Park (Maria Orosa St.), pass through Sea Side (Roxas Blvd), then Mall of Asia (MOA).
18:20 -	ETD from MOA back to Crimson Hotel Filinvest City Manila

July 09, 2024 – Plenary Lectures, Welcome Dinner with Cultural Show

Grand Ballroom, Crimson Hotel Filinvest City, Manila, Philippines

08:00 – 08:30	Registration and Issuance of ASDF 2024 Kit
08:30 – 08:35	Invocation and National Anthem
08:35 - 08:50	Welcome Remarks Dr. Dodjie S. Maestrecampo President & CEO Mapúa University, Philippines
08:50 – 09:00	Opening Remarks Dr. Lilibeth D. Sabino Chairman, Asian Science Deans Forum 2024, and Executive Vice President for Academic Affairs Mapúa University, Philippines
09:00 – 09:25	Plenary Speaker 1: Strategies in the Internationalization of the Philippine Higher Educational Institutions Atty. Lily Freida C. Macabangun-Milla Director-In-Charge, International Affairs Commission on Higher Education, Philippines
09:25 – 09:50	Plenary Speaker 2: The Founding of Asian Science Deans Summit, and (Now) Asian Science Deans Forum Prof. Seung-Han Park Founder, Asian Science Deans Summit Yonsei University, South Korea

09:50 – 10:05	<p>Plenary Speaker 3: <i>The DOST-PCHRD Programs</i> Dr. Jaime C. Montoya Executive Director Department of Science and Technology – Philippine Council for Health Research and Development, Philippines</p>
10:05 - 10:15	Group Photo
10:15 - 10:35	Break: AM snacks (Sponsors and organizers video loop)
10:35 – 10:55	<p>Plenary Speaker 4: International Education and Research Collaborations on Water Quality Monitoring and Treatment Distinguished Prof. Tsair-Fuh Lin National Cheng Kung University, Taiwan</p>
10:55 – 11:15	<p>Plenary Speaker 5: <i>Solving Water Challenges-Software Supporting Water and Environments</i> Pierre Hoevelt Manager, Asia-Pacific Region Based in New Zealand DHI Water and Environment Horsholm, Denmark</p>
11:15 - 11:35	<p>Plenary Speaker 6: <i>Challenges in Renewable Energy Industry and The Needed Talents to Support Its Sustainability</i> Prof. T.S. Dr. Nor Hisham Bin Hamid Deputy Vice Chancellor – Student Affairs Universiti Teknologi Petronas, Malaysia</p>
11:35- 11:55	Entertaining Few Questions (Discussion will be on July 11 Parallel Technical Session)
11:55 - 12:15	<p>MOU Signing</p> <ul style="list-style-type: none"> • Pakuan University, Indonesia (MOU and MOA) • Syarif Hidayatullah State Islamic University, Indonesia • Universitas Islam Riau, Indonesia • Universitas Andalas, Indonesia • Yonsie University, South Korea
12:15 – 13:30	Lunch Break (Playing of sponsors and organizers video loop)
13:30 – 14:15	<p>Plenary Speaker 7: <i>The 5% Zone - Visibility Strategies that Gets You Recognized and Rewarded</i> Director Lau Kok Yin Managing Director, Winning In The Work World, Managing Director, Krempl Communications International Singapore</p>
14:15 - 14:35	<p>Plenary Speaker 8: <i>Challenges and Opportunities of Internationalization in Education for Sustainable Development: The Case of Bohol Island State University</i> Dr. Anthony M. Peñaso President Bohol Island State University, Philippines</p>

14:35 - 14:55	<p>Plenary Speaker 9: <i>Contribution of Science and Digital Transformation to peace, justice and strong institution</i> Prof. Dr. H. Syafrinaldi, S.H. MCL Rector Universitas Islam Riau, Indonesia</p>
14:55 - 15:00	Entertaining Few Questions (Discussion on July 11 at Parallel Technical Session)
15:00 - 15:20	<p>Break: PM Snacks (Playing of sponsors and organizers video loop)</p>
15:20 - 15:40	<p>Plenary Speaker 10 (Online): <i>Novel CFD inspired applications in Aerospace Research and Sustainable Built Environment</i> Prof. Satyajit Ghosh, FRMetS Senior Professor, Environment Division School of Mechanical and Building Sciences Vellore Institute of Technology, India</p>
15:40 - 16:00	<p>Plenary Speaker 11: <i>Conversion of Brown Field to Highly Sustainable Academic Campus</i> Prof. Ir Denny Ng Kok Sum Dean, School of Engineering and Technology Sunway University, Malaysia</p>
16:00 - 16:20	<p>Plenary Speaker 12: <i>Gender and Culture in Climate Change Adaptation</i> Dr. Raymundo D. Rovillos Interim President Pangasinan Polytechnic College, Philippines</p>
16:20 - 16:40	Entertaining Few Questions (Discussion on July 11 at Parallel Technical Session)
16:40 - 17:15	<p>Awarding of Plaque to Plenary Speakers and Recognition of Sponsors Dr. Dodjie S. Maestrecampo Dr. Lilibeth D. Sabino Prof. Seung-Han Park</p>
17:15 - 18:30	<p>Break (Sponsors and organizers video loop)</p>
18:30 - 20:00	<p>Welcome Dinner with Cultural Show (please see separate program) Grand Ballroom, Crimson Hotel Filinvest City, Manila, Philippines <i>Attire: National Costume</i></p>

Dr. Edward Jay M. Quinto
Mapúa University, Philippines
Master of Ceremony

PROGRAM A - July 10, 2024 – Ballroom 1 & 2, Crimson Hotel Filinvest City, Manila, Philippines
Students' Deck and Poster Presentation

Ma. Eliza S. Torres
Master of Ceremony

08:00 – 09:00	Onsite Registration by ASDF 2024 Secretariat Poster Presentation will be at the 8/F lobby (in front of the Grand Ballroom)
09:00 – 09:45	<i>The 5% Zone - Visibility Strategies that Gets You Recognized and Rewarded</i> Director Lau Kok Yin Managing Director, Winning In The Work World Managing, Director, Krempl Communications International Singapore
09:45 – 10:15	<i>Software Supporting Water and Environments</i> Pierre Hoevelt Manager, Asia-Pacific Region Based in New Zealand DHI Water and Environment Horsholm, Denmark
10:15 – 10:30	Break: AM Snacks (Sponsors and organizers video loop)
10:30 – 11:15	Batch 1 - Students hosted by: ARIDBE (1), CEGE (3), ETYSBM (2)
11:15- 12:00	Batch 2- Students hosted by: EECE (4), SMS (1), Nursing (1)
12:00 - 13:00	Lunch Break (Sponsors and organizers video loop)
13:00 - 13:30	Batch 3 - Students hosted by: IE-EMG (1), MME (4)
13:30 - 14:10	Batch 4 - Students hosted by: SOIT (2), SoHS (4)
14:10 – 15:00	Batch 5- Students hosted by: CBMES (4), Physics (2)
15:00 – 16:00	Break: PM Snacks (Sponsors and organizers video loop) Evaluation of Presentation (Deck and Poster) Assessment
16:00 - 17:00	Awarding of Winners Awarding of Certificate Dr. Lilibeth D. Sabino Executive Vice President for Academic Affairs Mapúa University, Philippines

PROGRAM B - July 10, 2024 – Ballroom 3, Crimson Hotel Filinvest City, Manila, Philippines
 Additive Manufacturing Expo and Ideathon
 Exhibits shall be at the 8/F lobby (in front of the Grand Ballroom)

Dr. Edward Jay M. Quinto
 Master of Ceremony

08:00 – 09:00	Registration	ASDF 2024 Secretariat
09:00 – 10:00	Prayer and Philippine National Anthem	
	Opening Remarks Introduction of the Additive Manufacturing Expo Participants	Dr. Blessie A. Basilia Chair for Additive Manufacturing Expo and Ideathon, Mapua University, Philippines
	5D Printing Technology: A Futuristic Approach (On Line)	Dr. R. Vasudevan Professor, Vellore Institute of Technology, India
	Advanced Manufacturing Center (AMCEN): The Central Hub of Additive Manufacturing in the Philippines	Engr. Fred P. Liza Program Leader, AMCEN DOST-MIRDC, Philippines
	Materials Development (MATDEV) Facilities: The Additive Manufacturing Research & Development Center	Dr. Marianito T. Margarito Officer-in-Charge, Materials Science Division, DOST-ITDI, Philippines
10:00 -10:30	MORNING BREAK	
10:30 –11:00	Philippine National Standards in Additive Manufacturing	Mr. Czerr Eljohn V. Cruz Trade-Industry Development Specialist, BPS-Standards Development Division, Department of Trade and Industry, Philippines
	Machine Learning: Application in Additive Manufacturing	Dr. Persia Ada N. de Yro Senior Science Research Specialist, DOST-ITDI; and Professor, Mapua University
11:00 – 12:00	EXPO PARTICIPANTS VIDEO LOOP/ ORAL PRESENTATION	EXPO Participants
12:00 – 13:00	LUNCH BREAK	
13:30 – 14:00	Introduction of the Board of Judges Introduction of the Ideathon Participants Criteria for Judging Mechanics of the Competition	Dr. Aldrin D. Calderon Dean, School of Mechanical, Manufacturing and Energy Engineering MAPUA University, Philippines
14:00 – 15:30	Ideathon Competition Proper	Ideathon Participants
15:30 – 16:00	AFTERNOON BREAK	
16:00 – 17:00	Announcement of Winners Awarding of Certificates of the Expo and Ideathon Participants Closing Remarks	Dr. Delia B. Senoro AVP, ILRAD MAPUA University

July 11, 2024 – Parallel Technical Sessions

8/F Crimson Hotel Filinvest City, Manila, Philippines

Dr. Edward Jay M. Quinto

Master of Ceremony

08:00 – 08:30	Attendance
08:30 – 08:50	Overview of Day 1 and Day 2 by the Host Grand Ballroom
08:50 – 09:10	Global Alliances of Mapua University Dr. Bonifacio T. Doma, Jr. Executive Vice President for Global Partnership and Alliances Mapua University, Philippines
09:10 – 09:30	Announcements 1) Session Rooms and Locations; 2) ASDF Core Group Meeting
09:30 – 10:00	AM Snacks (Sponsors and organizers video loop at) Lunch @ 12 noon (Grand Ballroom) - (Sponsors and organizers video loop)
10:00 – 15:00	ASDS/ASDF Core Group Meeting Group Discussions: Sessions Room Assignment (Please see separate document for title of presentations) Session 1: <i>Environment, Climate Change Adaptation, and Digitalization</i> Pollock Room Session 2: <i>Internationalization in Education for Sustainable Development</i> Monet Room Session 3: <i>Health Research and Ethics; Crossroads of Science in Business and Human Health</i> Joya Room Session 4: <i>Renewable Energy (Biomass, Hydro, Geothermal, Ocean, Solar, and Wind)</i> Calder Room Session 5: <i>Responsible Consumption, Production and Social Justice</i> Warhol Room
15:00- 15:30	Break: PM Snacks (Sponsors and organizers video loop)
15:30 - 16:45	Group Presentations: Session Group Leader shall present the output of discussion
16:45 - 17:15	Future Direction of the ASDF 2025 Prof. Seung-Han Park Founder, Asian Science Deans Summit Yonsei University, South Korea

Note: Please separate page for the details of the parallel technical sessions, and its function room assignments.

July 12, 2024 – Educational and Cultural Tour

Call time: 08:00; *Departure: 08:45*

In front of Mondrian Room, 8/F Crimson Hotel Filinvest City, Manila, Philippines

Destination: *Guided tour at Philippine National Museum of Natural History, and Ocean Park with 8 attractions*

**e-Certificates will be sent through email and e-Booklet can be downloaded at asdf2024.mapua.edu.ph after the event.*