



# MRSP MIDYEAR CONVENTION

May 4-5, 2023 | Metro Manila

*Theme: Creating a New Era with Cutting-Edge Innovations  
in Mechatronics and Robotics Technologies.*

## DAY 1

May 4, 2023 | Thursday

8:00 AM - 9:00 AM		Registration	MRSP Staff
9:00 AM - 9:05 AM	5 mins	Preliminaries	*AVP
9:05 AM - 9:30 AM	5 mins	Welcome Remarks	<b>Fr. Marcelo V. Manimtim, CM</b> Adamson University - President
	5 mins		<b>Engr. Nastaran Reza Nazar Zadeh</b> MRSP National - President
	5 mins	Opening Remarks	<b>Engr. Eric Jude S. Soliman</b> MRSP National - Vice President Mechanotronics
	5 mins	Introduction of Keynote Speaker	<b>Engr. Augusto C. Soliman</b> MRSP National - Adviser
	10 mins	<b>Keynote Message</b>	<b>DOST Sec. Renato Solidum</b> <b>Director Robert O. Dizon (MIRDC)</b>
	5 mins	Awarding of Certificate of Recognition	<b>Engr. Gamaliel F. Itao</b> MRSP National - Adviser

### LAND BASED MOBILE ROBOTS AND RTK

9:30 AM - 10:40 AM	60 mins	Introduction to Speaker 1	<b>Engr. Mark Joseph B. Enojas</b> MRSP National - Vice President Robotics
		Main Keynote Speaker: <b>Applications of RTK-GTPS in Land Mobile Robot Navigation and Integration of Real Time Kinematics, RTK in Robot Navigation Field Demo</b>	<b>Dr. Anthony James Bautista</b> University of Santo Tomas
	10 mins	Q & A Session	
10:40 AM - 11:30 AM	40 mins	Introduction to Speaker 2	<b>Engr. Joel B. Bajador</b> MRSP National - Adviser
		Guest Keynote Speaker: <b>MyAIRA</b>	<b>Dr. Romano Q. Neyra</b> MRSP National - Board of Trustee
	10 mins	Q & A Session	<b>Mr. Yong Ching Soon</b> MyAIRA - President
11:30 AM - 11:45 AM	15 mins	Awarding of Certificate of Recognition	<b>Engr. Ariel P. Duran</b> MRSP National - Adviser
		Technical Presentation: <b>Addressing Industry - Academe Mismatch through Digitech Program and KST</b>	<b>Engr. Lorena Ilagan</b> Project Director - Alta iHub University of Perpetual Help System DELTA, Las Pinaas Campus
11:45 AM - 12:00 PM	15 mins	MRSP Awareness	<b>Engr. Favis Joseph C. Balinado</b> MRSP National - Secretary
12:00 PM - 1:00 PM	60 mins	<b>LUNCH BREAK</b>	



#### MRSP Office Address

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#### MRSP Website

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### GLOBAL ROBOTICS CLUSTER

1:00 PM - 1:20 PM	20 mins	Special Message: Robotics Innovation	<b>CHED Internation Affairs</b>
1:20 PM - 3:00 PM	25 mins	Introduction to Plenary Speaker 1	<b>Engr. Edwin L. Astorga</b> MRSP National - Auditor
		<b>Topic on Society 5.0</b>	<b>Dr. Yasunori Kimura</b> TBD Japan Science & Technology Agency (JST)
	25 mins	Introduction to Plenary Speaker 2	<b>Engr. Rolando T. Laya, EE</b> MRSP National - Board of Trustee
		<b>Four Decades of Human-Oriented Applying of Mechatronics and Robotics</b>	<b>Professor Vesa Salminen</b> Managing Director Häme University of Applied Sciences, HAMK Lappeenranta- Lahti University of Technology, LUT Spiral Business Services Corp.
	25 mins	Introduction to Plenary Speaker 3	<b>Dr. Arvin R. De La Cruz, PCpE</b> MRSP National-Board of Trustee
3:00 PM - 3:30 PM		<b>AI and Robotics for Ground Operations</b>	<b>Mr. Yoshi Lahad</b> Chairman/Board at Private and Public Technology Companies Co-Founder and Co-Chair of the Israel Intelligent Robotics Center (IIRC)
	10 mins	Q & A Session	
		Awarding of Certificate of Recognition	<b>Engr. Franklin D. Quiachon</b> MRSP National - Adviser
3:00 PM - 3:30 PM	15 mins	Technical Presentation	
	15 mins	Technical Presentation	

### EURO-ASIA: "WOMEN LEADERS IN ROBOTICS" WEBINAR

Panel with 7 Speakers

3:30 PM - 5:30 PM	5 mins	Welcome Remarks	<b>Engr. Maria Rodelyn Tibon</b> MRSP National - Board of Trustee Women in Robotics Committee Chair
	5 mins	Opening Remarks	<b>Oliver Tian</b> Global Robotics Cluster - Vice President
	15 mins	<b>Ms. Mariciel Teogangco</b>	Philippines MRSP - Chairwoman
	15 mins	<b>Ms. Shanlynn Lee</b>	Singapore APARA - President
	15 mins	<b>Ms. Aizhan Zhekeyeva</b>	Kazakhstan KazRobotics - President
	15 mins	<b>Dr. Syamimi Shamsuddin</b>	Malaysia MyRAS - Council
	15 mins	<b>Ms. Sylvie Algarra</b>	France FCC Robotique - Vice President
	15 mins	<b>MS. Wendy Cheng</b>	Finland Hermia Business Devt - Partner IARA Top 50 Women in Robotics 2021
	15 mins	<b>Ms. Riya Shahi</b>	Nepal RAN - Committee Leader
15 mins	<b>Ms. Jane Liu</b>	China CCMR - Director of Overseas Branches Dept.	



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## DAY 1

May 4, 2023 | Thursday

5 mins

Closing Remarks

**Engr. Nastaran Reza Nazar Zadeh**  
MRSP National - President

### PARALLEL ACTIVITIES

9:00 AM - 5:00 PM

Vex Robotics Competition

**Hytec Power Inc.**

Mechatronics Competition

Robotics Competition

1:00 PM - 4:00 PM

Workshop: Mobile Robotics

**Engr. Jay-ar Montillano**

**Engr. Matt Luis Montemayor**



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## DAY 2

May 5, 2023 | Friday

8:00 AM - 9:00 AM		Preliminaries	*AVP
9:00 AM - 9:10 AM	10 mins	Special Message	<b>Engr. Mariciel T. Teogangco</b> MRSP National - Chairman

### UNMANNED AERIAL VEHICLE TECHNOLOGY

9:30 AM - 10:30 PM	60 mins	Introduction to Speaker 1	<b>Dr. Joseph C. Pepito</b> MRSP National - Vice President Technical
		Main Plenary Speaker: <b>GPS Guided Aerial Flight</b>	<b>Dr. Eugenia Zhou</b> University of Santo Tomas
	10 mins	Q & A Session	<b>Dr. Marvin O. Mallari</b> MRSP National - Board of Trustee
		Awarding of Certificate of Recognition	<b>Mr. Sandino E. Sevino</b> MRSP National - PRO
10:30 AM - 11:20 AM	40 mins	Introduction to Speaker 2	<b>University of Santo Tomas</b>
		<b>Guest Speaker</b>	
	10 mins	Q & A Session	
		Awarding of Certificate of Recognition	<b>Dr. Rhowel M. Delloso</b> MRSP National - Board of Trustee
11:20 AM - 11:35 AM	15 mins	<b>Establishment of IOT Research Laboratory and Training Center</b>	<b>UPHR-Molino Project Leader</b>
11:35 AM - 11:50 AM	15 mins	<b>GRC World Talent Companion</b>	<b>Oliver Tian</b> Global Robotic Cluster - Vice President
11:50 AM - 12:00 PM	10 mins	Technical Presentation	
12:00 PM - 1:00 PM	60 mins	<b>LUNCH BREAK</b>	

### ROUND TABLE DISCUSSION

1:00 PM - 3:00 PM	120 mins	<b>Innovations in Agri-Tech</b>	<b>NARO Group</b>
3:00 PM - 4:00 PM	60 mins	Opening of Forum:	<b>Dr. Alvin R. De La Cruz, PCpE</b> MRSP National-Board of Trustee
		<b>Future Skills Requirement addressing Industry 4.0 and 5.0</b>	
		MRSP	
		PSME	
		IIEE	
		IECEP	
		GRC	



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## DAY 2

May 5, 2023 | Friday

4:00 PM - 5:00 PM

60 mins

Awarding Ceremony for Competitions  
Closing Remarks

**Hytex Power Inc.**

### PARALLEL ACTIVITIES

9:00 AM - 5:00 PM

VEX Robotics Competition  
Mechatronics Competition  
Research Project Exhibition

1:00 PM - 4:00 PM

Workshop: Drone

**Engr. Kendall Felicilda**  
**Mr. Sherwin Dignadice**



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