

3<sup>rd</sup> GLOBAL CONGRESS ON

# ADVANCED SATELLITE COMMUNICATIONS

**OCTOBER 30-31, 2025**

**PRAGUE, CZECH REPUBLIC**

**Theme**

“Satellite Horizons: Navigating the Future of Connectivity”

**Sub  
Theme**

- Satellite Technologies for Exploration and Innovation
- Space-Based Internet and Connectivity Solutions
- Security and Resilience in Satellite Communications
- Satellite Applications for Climate Monitoring and Disaster Response
- Global Collaboration in Satellite Space: Policies, Partnerships, and Regulations
- 5G Integration with Satellite Communications: Convergence for Seamless Connectivity
- Advancements in Earth Observation Satellites: Monitoring and Managing Our Planet
- Human Space Exploration and Satellite Communications: Enabling the Journey Beyond Earth

2

DAYS WITH MORE THAN  
45 SESSIONS,  
KEYNOTES & TALKS

12+

INNOVATIVE FEATURED  
SPEAKERS

20+

HOURS OF  
NETWORKING EVENTS

60+

INTERNATIONAL  
SPEAKERS

125+

EDUCATIONAL SESSIONS

**ADV. SATELLITE 2025**

<https://advanced-satellite-communications.peersalleyconferences.com/>



- Engineers, scientists, and technologists working in the field of satellite communications and related areas.
- Researchers and academics working in the field of telecommunications, wireless networking, signal processing, and related areas.
- Representatives from government agencies, regulatory bodies, and industry associations involved in satellite communications policy and regulation.
- Business leaders, entrepreneurs, and investors involved in the development and commercialization of satellite communications technology.
- Graduate and undergraduate students studying telecommunications, electrical engineering, computer science, and related fields.

# WELCOME MESSAGE

## Ravandran Muttiah

Congress Chair 2024  
AIMST University, Malaysia



### Dear Colleagues

I am delighted to have this opportunity to extend a warm welcome on behalf of the Organising Committee of the 3rd Global Congress on Advanced Satellite Communications 2025 (Adv. Satellite 2025) which will be held on 30–31 October 2025 in Prague, Czech Republic. As part of the Global Congress on Advanced Satellite Communications, Adv. Satellite 2025 series event will bring together distinguished scientists, distinguished researchers, research fellows, PhD students, industrial experts, from all industries, consulting firms, and academics of private and government sectors.

The aim and objectives of this Global Congress are to facilitate the exchange of ideas, showcase the latest research, and engage in discussions on emerging research topics in the fields of Satellite and Education, Space Missions, Mobile Satellite Communication Networks, Satellite Engineering, Wireless Satellite, and Broadcasting, as well as their novelty and applications.

The purpose and motif of this event strive to accomplish:

- Fostering Innovation;
- Networking and Collaboration;
- Skill Development and Knowledge Dissemination;
- Promoting Industrial Growth;
- Addressing Ethical and Societal Concerns.

The Congress attracts many extraordinary and globally talented professionals in Science, Technology, Engineering, Mathematics, and Management in Advanced Satellite Communications. The 3rd Global Congress of Advanced Satellite Communications welcomes contributions from worldwide of this universe as keynote speakers, invited speakers, and delegates from academia, research, manufacturing, operations, and industries to share the knowledge, scientific studies, and research works produced by you and your team and as a panel to engage and discuss the needs of this world. Let's together shape the future of Advanced Satellite Communications.

Ravandran Muttiah  
Congress Chair 2024  
AIMST University, Malaysia

# PRESENTATION FORUM

## KEYNOTE FORUM / MINI-PLENARY SESSIONS

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.

## DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.

## STUDENT FORUM

### POSTER SESSION

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.

## YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10-15 minutes of informative and precise presentations in relevant scientific sessions.

**NO SECRET IS SAFE SHARE YOUR RESEARCH**



## MEET THE PROFESSOR @ NETWORKING SESSIONS

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.

## HIGHLIGHTS OF THE DAY SESSIONS

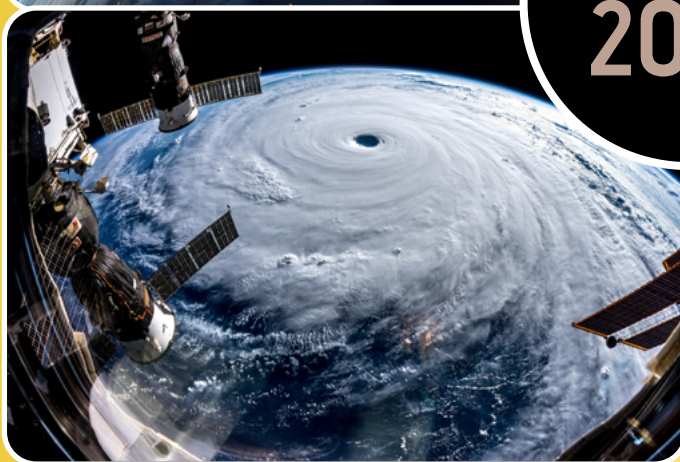
“Highlights of the Day Sessions” is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.

## EDUCATIONAL SESSIONS/ TRAINING PROGRAMS

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.



Adv  
Satellite  
2025



NO SECRET IS SAFE SHARE YOUR RESEARCH

# REGISTER & PARTICIPATE



ADV. SATELLITE 2025

<https://advanced-satellite-communications.peersalleyconferences.com/>

## TYPES OF ACADEMIC REGISTRATIONS

SPEAKER REGISTRATION

COMBO A  
(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B  
(REGISTRATION + 3 NIGHT ACCOMMODATION)

DELEGATE REGISTRATION

## TYPES OF BUSINESS REGISTRATIONS

SPEAKER REGISTRATION

COMBO A  
(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B  
(REGISTRATION + 3 NIGHT ACCOMMODATION)

DELEGATE REGISTRATION

## TYPES OF STUDENT REGISTRATIONS

REGISTRATION

YIF

COMBO A  
(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B  
(REGISTRATION + 3 NIGHT ACCOMMODATION)

POSTERS

## TYPES OF ADDITIONAL REGISTRATIONS

ACCOMPANYING PERSON

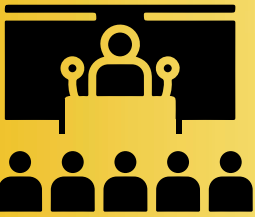
E-POSTER

VIRTUAL PRESENTATION

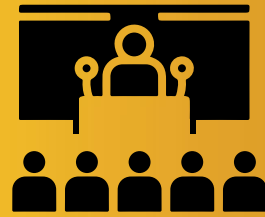
WORKSHOPS

START-UPS

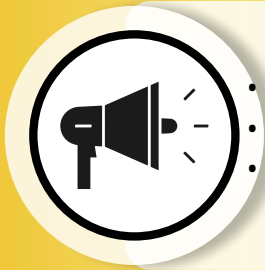
TIME TO  
**CONNECT**  
WITH YOUR  
**PEERS**



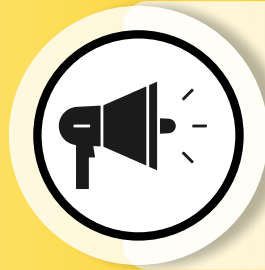
# CONCURRENT EDUCATIONAL SESSIONS



MONDAY - OCTOBER 30, 2025



- Satellite and Education
- Satellite Networking
- Satellite Dynamics



- Satellite and Its Applications
- Industry 4.0 and the Factory of the Future

## GROUP PHOTO | COFFEE BREAK



- Metaverse and the Future of Internet
- Cloud, Computing, Networking and Storage

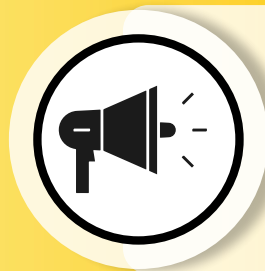


- Space Missions
- Space Exploration

## LUNCH BREAK



- Remote Sensing Satellites and GIS
- Aerospace and Mechanical Engineering



- Artificial Satellites and Space Structures
- Satellite Navigation and Communication
- Earth Observation Satellites

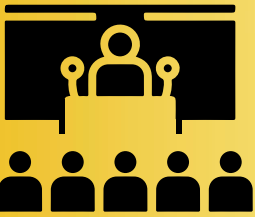
## COFFEE BREAK



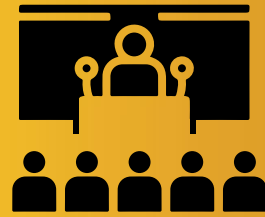
- Weather Satellites
- Military Satellites
- Satellite Networks
- Mobile Satellite Communication Networks



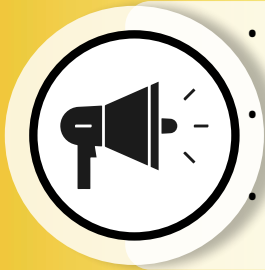
- Satellite Subsystems
- Satellite Radiance
- Satellite Dish



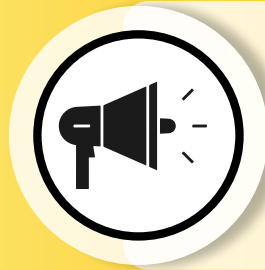
# CONCURRENT EDUCATIONAL SESSIONS



TUESDAY - OCTOBER 31, 2025



- Artificial Intelligence and Machine Learning
- 6G Vision and Potential Key Technologies
- Internet of Everything and Smart Cities



- Satellite Communications in Earthquake and Structural Dynamics
- Satellite Communications in Climate Change and Weather Forecasting

## GROUP PHOTO | COFFEE BREAK



- Satellite Communications in Materials Science and Applications in Science
- Satellite and Terrestrial Radio Positioning Techniques

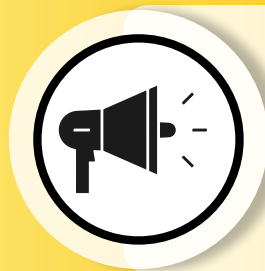


- Satellite and Space Propulsion Systems
- Mobile Satellite Communication Networks
- Advanced in Small Satellite Technologies

## LUNCH BREAK



- Wireless Satellite and Broadcasting
- Satellite and Ground Station Engineering
- Modern Satellite and Cable TV



- IP/ATM Mobile Satellite Networks
- Digital Video Compression Systems and Standards
- Direct Broadcasting by Satellite(DBS)

## COFFEE BREAK



- Earth Stations, Antennas and User Devices
- Fixed Telephony Satellite Network
- Microsatellites and MiniSatellites



- Multiplexed Analogue Component Systems(MAC)
- Satellite Engineering
- Satellite Orbit Configurations
- Spacecraft Configuration



# GLIMPSES INTO OUR PAST CONFERENCES





# GLIMPSSES INTO OUR PAST CONFERENCES







# HONORING DISTINGUISHED SPEAKERS @ OUR PAST CONFERENCES





# MEET THE PROFESSOR SESSIONS @ OUR PAST CONFERENCES





# YOUNG RESEARCHER SESSIONS

## @ OUR PAST CONFERENCES





# BOOK LAUNCHES

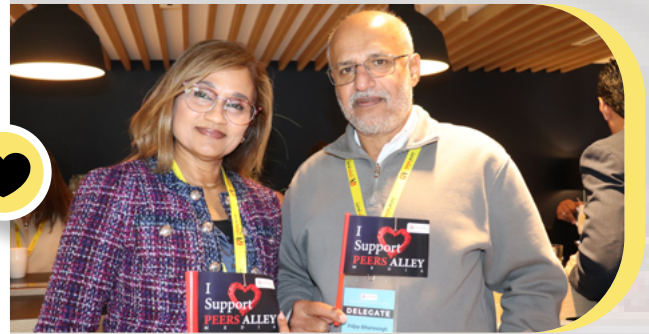
## @ OUR PAST CONFERENCES





# WE LOVE & SUPPORT

## PEERS ALLEY MEDIA CONFERENCES

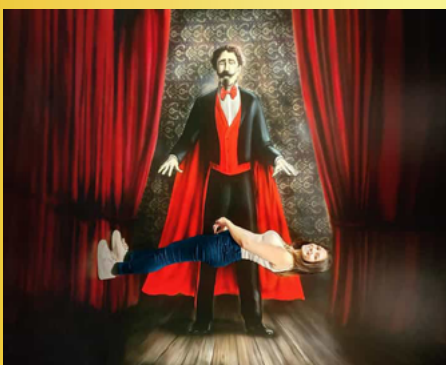


**NETWORKING...CONFERENCING...FOSTERING**

**ATTENDING A CONFERENCE ISN'T ALL ABOUT LEARNING AND NETWORKING**

**DISCOVERING**

A right choice of conference destination is an important aspect of any international conference and keeping that in consideration, *Adv. Satellite 2025* is scheduled in the Beautiful city 'Prague'.



**PRAGUE MUSEUM OF FANTASTIC ILLUSIONS**



**TEREZÍN CONCENTRATION CAMP & MEMORIAL**



**CHARLES BRIDGE**



# CITY ATTRACTIONS



**ALCHEMY AND MYSTERIES  
OF PRAGUE CASTLE**



**MEDIEVAL UNDERGROUND  
AND DUNGEON TOUR**



**PRAGUE BLACK LIGHT MINI  
GOLF**



**PRAGUE COMMUNISM AND  
NUCLEAR BUNKER**



**PRAGUE'S ASTRONOMICAL  
CLOCK**



**SCROOSER IN PRAGUE**



**OLD TOWN SQUARE**



**DISCOVER WENCESLAS SQUARE**



**ST. VITUS CATHEDRAL**

# SPONSORS | MEDIA PARTNERS



NO SECRET IS SAFE SHARE YOUR RESEARCH

# CONTACT US

**Program Director  
Adv. Satellite 2025**

**Peers Alley Media**

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada

WhasApp: +1 506-909-0537

<https://advanced-satellite-communications.peersalleyconferences.com/>

# CONNECT US

