



Society for Emergency
Medicine India



*India's 1st International Conference
on Emergency Care in Extreme
Environments and Space Medicine.*

SEMI ExEM & Space Medicine Conference 2025



August 21-22, 2025



Hotel Four Seasons Bengaluru, India



For Registrations contact: Dr. Praneeth, +91 8121 058 989

Organised by



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WORLD EXTREME MEDICINE



Welcome to Frontiers in Extreme Medicine and Space Medicine!

Join leading **experts**, researchers, clinicians, and **healthcare professional** at **SEMI's Extreme Medicine & Space Medicine** conference. This premier event will delve into the cutting-edge advancements, challenges, and opportunities in safeguarding human health in extreme pre-hospital environments, mountains, **wilderness, remote expeditions, space exploration** and beyond. From understanding the physiological effects of microgravity to developing innovative countermeasures and **preparing for long-duration expeditions**, this conference is your gateway to the future of **aerospace medicine** and **extreme medicine**.

Theme:
**Difficult Decisions in
Difficult Environments !**

Who Should Attend?

- Emergency Medicine Physicians
- Aerospace Medicine Physicians
- Space Health Professionals
- Extreme Medicine Researchers
- Spaceflight Nurses and Paramedics
- Policymakers and Regulators
- Students in Related Fields
- Anyone passionate about the future of human space exploration and healthcare innovation in remote environments!



DISTINGUISHED SPEAKERS & PROGRAM HIGHLIGHTS



Shawna Pandya

Physician, aquanaut, and Canada's first female commercial astronaut, Shawna merges space medicine, underwater exploration, and humanitarian work. As the third Indian-origin woman set to go to space, she's at the forefront of advancing human performance in extreme environments.

Keynote:

Preparing for Human Space flight



Mark Hannaford

Founder of World Extreme Medicine, Mark brings 40 years of experience at the intersection of medicine, leadership, and remote operations. He has trained over 20,000 medical professionals for extreme environments and co-founded the WEM Fund, delivering trauma aid and training across the world.

Keynote: How about 'The world of Extreme Medicine - Life and Death Decisions in Places Google Maps Can't Find



Vignesh Santhanam

Vignesh is the space sector lead for India in the World Economic Forum. He drives initiatives of policy, innovation, and commercial space development. With deep expertise in India's space ecosystem, he champions collaboration across public and private sectors to unlock new opportunities and shape the future of space industry.

Keynote:

Future of space industry in India



Nikki Mcleary

A seasoned Human Performance Scientist with 25 years of experience, Nikki specializes in safety - critical sectors - where human decision-making and performance under pressure are mission - critical - driving improvements in training, systems design, and real-world outcomes.

Keynote: Performance Medicine & Adventure Science

Chairman ISRO, Mr. V. Narayanan to be confirmed

FEATURED SESSIONS & WORKSHOPS

- **Research Presentations:** Hear the unique cases, projects and research from extreme medicine & space medicine topics in India.
- **Interactive Workshops:** Engage in hands-on sessions designed to build practical skills and explore cutting-edge technologies.
- **Panel Discussions:** Engage with experts on critical issues facing space medicine, including ethical considerations and the future of commercial spaceflight.
- **Networking Opportunities:** Connect with like minded colleagues, collaborators, and potential employers during networking events and breaks.
- **Inaugural Session:** with Senior dignitaries from ISRO.

WORKSHOPS

- Expedition Medical Preparedness
- Drones in Emergency Care

SCIENTIFIC SESSIONS & KEY LECTURES

- Scope of Wilderness Medicine
- High Altitude Emergencies
- Expedition Medical Cover for masses
- Practice of Extreme Medicine
- Science of Human Performance
- Attitude vs Altitude
- Snakebite Management
- Heat Illnesses in India
- Emergency Care during Sports Events
- Drones in Emergency Care
- Space Flight & Space Medicine
- Growth of Space Industry in India
- Space Simulation
- Upgrading Emergency Department Safety using Space Technology - A joint SEMI-ISRO project.
- Geo-tagging Emergency Departments in India - Our Satellites will Guide You.



Registration Information

Register today and be part of the future!

No spot registrations.

REGISTRATION FEES:

EARLY BIRD

(until 30th June 2025)

₹ 5000

DELEGATE REGISTRATION

(From 1st July 2025 onwards)

₹ 7500

STUDENT REGISTRATION

₹ 6000

*Limited Registrations for this conference

Conference Venue

Hotel Four Seasons, Embassy One

8, Bellary Rd, Dena Bank Colony, Ganganagar,
Bengaluru, Karnataka 560032



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Organised by

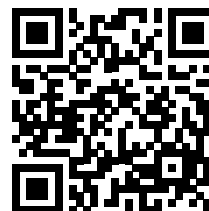


For any inquiries, please contact:

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For registration,
Click here
or scanQR Code