



**ISTDRAI
2024**

**4th International Conference on
Robotics, &
Artificial Intelligence**

DUBAI, UAE

NOVEMBER 18-19, 2024

BROCHURE

<https://inovscitechconferences.com/24/dubai/robartInt/>

Welcome Message!

On behalf of the Organizing and Committee we take great pleasure in welcoming academic scientists, researchers, research scholars, students and experts in application fields to Dubai, UAE for the Robotics and Artificial Intelligence conference to foster the progress in the field by contributing with your expertise to what promises to be a very comprehensive and exciting meeting, and to enjoy the immense unique artistic heritage and wonderful landscape of UAE.

4th International Conference on Robotics and Artificial Intelligence (ISTDRAI 2024), which will be held during November 18-19, 2024 in Dubai, UAE is an international event, attracting global participant's intent on sharing, exchanging and exploring new avenues of Robotics and Artificial Intelligence and latest developments. The event will have 10-15 world level (Highly cited clauses) Plenary speakers, Keynote speakers, active an Invited speakers and fresh contributed speakers. In addition, variety of poster presentations along with workshops and special sessions would be interested in the audience.

About Conference:

The aim of the ISTDRAI 2024 is to promote quality research and real-world impact in an atmosphere of true international cooperation between scientists and engineers by bringing together again the world class researchers, International Communities and Industrial heads to discuss the latest developments and innovations in the fields of Robotics and Artificial Intelligence.

We sincerely hope that ISTDRAI 2024 serves as an international platform for meeting, researchers from around the world, widen professional contact and create new opportunities, including establishing new collaborations.

Don't miss to be a part of ISTDRAI – 2024...!

Best Regards

ISTDRAI- 2024

Organizing Committee

Scientific Sessions

Aerial and Underwater Robotics

Applications of AI in Banking, Finance and Risk Management

Artificial Intelligence, Neuro control and Fuzzy control for Robotics

Computer Vision and Pattern Recognition

Design and Simulation of Robotic Systems

Haptics

Human Machine Interface

Imaging and Image Processing

Machine learning for Robotics

Micro and Nano-robotics

Natural Language Processing

New Approaches in Automation and Robotics

Rapid Proto-typing and 3D Printing Technology

Robot Localization and Map Building

Robotics in Agriculture, Forestry, Construction, Hazardous Fields

Surgical Robotics

AI in Pharma and Bio-medicine

Artificial Intelligence for Business Automation

Genetics Algorithms and Reinforcement Learning

Human Computer Interaction and Visualization

Humanoid Robots: New Developments

Intelligent Mechatronics and Robotics

Machine Vision for Robotics

Micro Electro Mechanical Systems (MEMS) and Micro robots

Prosthetics and Exo-skeleton Systems

Remote and Telerobotics

Robotics and Screw Theory

Robotics in Different Eras

Tele-Robotics, Medical Robotics

Others

Meeting Agenda

November 18, 2024

08:00 - 09:00 Registrations
09:00 - 09:30 Opening Ceremony and
Introduction
09:30 - 10:10 Keynote Speech -A
10:10 - 10:30 Refreshments
10:30 - 12:00 Keynote Speech -B
12:00 - 13:00 Speaker Session -A
13:00 - 13:50 Lunch
13:50 - 15:00 Speaker Session -B
15:00 - 15:20 Coffee Break
15:20 - 18:00 Speaker Session -C

November 19, 2024

08:00 - 09:00 Registrations
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Introduction
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10:10 - 10:30 Refreshments
10:30 - 12:00 Keynote Speech -B
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