











Future Shape of Robotics and Automation: Accessions, Organizations & Research

Conference Dedicated to Innovate Solution to the Public Health Challenges

Your single Destination to reach Largest Assemblage of participants from

Robotics Community

Opportunity beyond any Comparison to Attend & Network

Experience the Global Ambiance with Researchers with Similar Significance

Make New Associations and Fostering Potential Partnerships

Learning & Knowledge in a Single Package

Worldwide Acknowledgement to your Research Profile

Explore the best in Cutting Edge Research

Learn Beyond your Field of Interest

Professional Development to Elevate your Knowledge and Skills

Robotics Congress 2018

Speakers Representation from 50+ Countries

1 Conference | 2 Days

15 Keynote Talks | 75 Plenary Speakers | 17 Interactive sessions

Symposia | Workshops | Best Poster Award

200 Attendees | 50 Professors | and many more . . .

Greetings!

Welcome to most exciting and fascinating Frankfurt, Germany!

Within this splendid setting, we plan to deliver a conference that will exceed your expectations.

During this year's Conference, we hope that you will seize the opportunity to rekindle ongoing connections and spark new ones with your colleagues from around the globe. It's with great pleasure and great honor to invite you to the "International Conference on Robotics and Automation" scheduled during Oct 22-23, 2018 at Frankfurt, Germany.

The Conference will be organized around the theme "Shaping the Future with Latest Advancements in Robotics and Automation."

Robotics Congress 2018 anticipates more than 500 participants around the globe to experience thought provoking Keynote lectures, Oral & Poster presentations. This year conference will offer ample opportunities for all stakeholders working on Robotics and Automation to expose their research work.

Our conference aims to gather the Researchers, principal investigators, experts, neurologists and researchers working on brain from both academia and health care industry, Business Delegates, Scientists and students across the globe to provide an international forum for the dissemination of original research results, new ideas and practical development experiences.

This year's Conference program, coupled with the Business Opportunity Exchange, is an event you can't afford to miss!.

Sincerely

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Oliver Williams

Program Manager | Robotics 2018

Organizing Committee

We are back again! Conference that dedicated to Innovate Solution to the Public Health Challenges, one conference which future the shape of Robotics and Automation Disease. Our Conference will organize and allow to access the global researchers around the world in a single platform. Robotics 2018 will provide a great opportunity beyond any comparison to attend and network with Robotics Community.

Join us at our 2018 edition of Robotics and Automation to Experience the Global Ambiance with the Researchers who work with similar significance of research. Robotics 2018 will help you to get answers to all your queries related to your research work and also it creates a great opportunity to make new associations and also helps to foster potential partnerships. Robotics Congress 2018 will be a great platform for you to create long lasting relationship with the fellow researchers from Robotics Community.

Get worldwide acknowledgement to your research profile where more than 55000 Visitors who analyzed our conference website to attend and submit proposals of their research work. Where this was recorded as the highest number of Visitors from both, developed and developing nations. While we penetrate the study of visitor, navigation, and traffic patterns to determine the success of our conference website majority amount of traffic we receive from cities like New York, London, Valencia, Amsterdam, Madrid, Barcelona, Athens, Sydney, Paris, Frankfurt, Tokyo, Osaka, Melbourne, Moscow and Vienna.

Robotics Congress 2018 website is attracting 56000+ Researchers, Academic Professionals, Students, Professors, Scientists, Engineering Colleges, Robotic Societies and Associations, Business Entrepreneurs, Manufacturing Companies, Business Executives.

This unique opportunity that we extend to our speakers and attendees is not being offered by any other conference organizers. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference.

Robotics Congress 2018 salient features

Meet Academia and Industry visionaries to get inspired

Expand your knowledge and find solutions to problems

Knowledge, Benchmarking and Networking offered at one place

Forge connections and for global networking

Highly Organized and Structured Scientific programs

Poster presentations and world class exhibitions

Participation by Stalwarts from various international societies

Internationally renowned speakers and scientists representation

Career guidance for early career researchers and students

Interesting scientific deliberations and discussions

Perfect platform for Global Networking

MONDAY, OCTOBER 22

08:00-09:00

Registration

09:00-09:30

Opening Ceremony

09:30-10:15

Keynote Forum fi 01

10:15-11:00

Keynote Forum fi 02

11:00-11:30

Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Keynote Forum - 04

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions - 01

15:00-16:00

Parallel Session 01-Hall 1

General Session 02-Hall 2

Parallel Session 03-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Concurrent Work shops

TUESDAY, OCTOBER 23

09:00-09:30

Registration

09:30-10:15

Keynote Forum - 01

10:15-11:00

Keynote Forum – 02

11:00-11:30

Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Concurrent Work shops

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions - 02

15:00-16:00

Parallel Session 04-Hall 1

General Session 05-Hall 2

Parallel Session 06-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Awards Banquet and Closing Ceremony

Purpose

With members from around the world focused on learning about Robotics and Automation, this is your single best opportunity to reach the largest assemblage of participants from the scientific community.

Conduct demonstrations, distribute information, meet with eminent personalities, and make a splash with latest research innovations at this outstanding event.

Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration.
- The goals of the conference is to provide a transformative professional development experience through
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Robotics and Automation to present the most recent research findings, and promote and enhance scientific collaborations around the world.
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address Robotic science and automation and overcome barriers that limit access to care and services.

Objectives

- After participating in this meeting, attendees should be able to
- Discuss emerging issues in Robotic science and Automation
- Discuss and apply recent research findings related to Robotic science and Automation
- Disseminate the diverse voices of breakthrough innovators with visionary and practical solutions.

Who should attend?

Researchers, Academic Professionals, Students, Professors, Scientists, Engineering Colleges, Robotic Societies and Associations, Business Entrepreneurs, Manufacturing Companies, Business Executives.

CME & CPD

Robotics Congress 2018 has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Committee

The live format of this educational activity will be accredited with CME and CPD Credits.

Diverse Action-Oriented Programming & Networking

EXPERIENCE: Inspiring change around the country and world, growing a revolution Robotics and Automation Research.

EXPLORE the forefront of breakthrough ideas and models in electrifying morning keynote talks, featuring luminaries and "the greatest people you've never heard of."

PARTICIPATE in afternoon panels and workshops/symposiums on diverse topics of Robotic Sciences, Artificial Intelligence and more!

NETWORK with a community of leadership – dynamic change makers from around the country and world, or from your region, to develop important professional and personal relationships.

SHARE your insights and learning at the conference in participatory and experiential workshops.

DISCOVER powerful opportunities and strategies for creating and engaging with progressive change in your work, life and community.

CELEBRATE how great a difference one person can make, and how building community amplifies that change.

Salient Features

- Robust on-line publicity for all the speakers and organizing committee members
- Career Guidance Workshops for students and early career researchers
- Accepted Abstracts will be published in various indexed journals
- Accepted abstracts will be labeled with a Digital Object Identification Number (DOI) provided by Cross Ref
- Creation of speakers and abstracts pages in Google
- Opportunity to publish full Manu Scripts in our Open Access Journals



Scientific Sessions

Robotics

Uncertainity in Al

Multi Agent Systems

Pneumatic Artificial Muscles

Nuclear Robotics

Maccepa

Human Robot Interaction

Micro and Nano Robots

Haptics

Autonomous Robots

Robotic Rehabilitation Systems

Computer Vision

Cloud Robotics

Cognitive Robotics

Neural Networks

Research on Robotics

Applications of Robotics

Roboethics

Robotics Congress 2018 Outlook

Explore the best in Cutting edge Research

Change to learn beyond your field of Interest

Keynote sessions by worlds most eminent and distinguished researchers

Conference Participation Inspires, Rejuvenate and Energize participants

Robotics 2018 an unique platform to increase your reputation within the Automation Industry.

Learning and Knowledge in a single package

Speaker's representation from 50+ Countries

1 Conference | 2 Days



Robotics is one of the wings of engineering and science that deals with developing, construction, designing and operation of a robot. Robotics involves mechanical, electrical and computer science engineering in order to build, programme, and control the operations of a robot. Robotics science is widely classified as industrial robots and service robots. The service robots is further broken down as personal robots, professional robots and domestic robots. Robotics system market is composed of numerous tiny components. A robot needs to be integrated in a certain atmosphere which must include software and specialized components.

System integration phase looks after integration of different components together in a specialized environment with specific tools, required inputs of power and production systems. The value chain of advanced robotics technology market involves stakeholders like robotic designers and suppliers of standard hardware components, suppliers of specific engineered components, software providers, system integrators, and end users. Each of these share a specific worth at their point of operation, which in turn again contributes to the competitive value of the product. The R&D events, innovations, and marketing strategies enhance the value that has been associated with the end-deliverable by each player.

International Robotic Associations:

Australian center for Field Robotics, Intelligent Robotics Group, International Federation of Robotics, Livingston Robotics Club, Japan Robot Association, Swedish Robotics Society, Bristol Robotics Laboratory, Georgia Institute of Technology Center for Robotics and Intelligent Machines, Robotics Institute, Robotic Industries Association, Robot Research Initiative

Global Statistics:

The Usage and Applications of Robots in almost all fields has been Increased drastically since recent times all over the world.

The quantity of robots employed around the world will be increased to 2.6 million units by 2K19. That's around one million units more than in the record-breaking year of 2k15. Broken down according to sectors, around 70% of industrial robots were currently at work in the automotive, electrical/electronics and metal and machinery industry segments. With a national Decade plan - entitled "Made in China 2025" - the country's objective is to become one of the top technological industrial nations within just a 10 years.

However, in order to overcome Beijing's target of a robot density of 150 units by 2020, around 600,000 to 650,000 new industrial robots will have to be installed throughout China.

And based on all these statistics, it is distinct that Robotic science has a huge development and Robots will be employed in a wide range of fields all over the world in the upcoming years.

Frankfurt, officially Frankfurt am Main is a metropolis and the largest city in the German state of Hesse and the fifth-largest city in Germany. Frankfurt was a city state, the Free City of Frankfurt, for nearly five centuries, and was one of the most important cities of the Holy Roman Empire; it lost its sovereignty in 1866.

In 2015, Frankfurt has a population of 732,688 within its administrative boundaries and 2.3 million in its urban area. The city is at the centre of the larger Frankfurt Rhine-Main Metropolitan Region, which has a population of 5.5 million and is Germany's second-largest metropolitan region after Rhine-Ruhr. Since the enlargement of the European Union in 2013, the geographic centre of the EU is about 40 km (25 mi) to the east of Frankfurt's central business district, the Bankenviertel. Frankfurt is culturally and ethnically diverse, with around half of the population, and a majority of young people, having a migration background. A quarter of the population are foreign nationals, including many expatriates.

Frankfurt is an alpha world city and a global hub for commerce, culture, education, tourism and transportation. It is the site of many global and European corporate headquarters. Frankfurt Airport is among the world's busiest. Frankfurt is the major financial centre of the European continent, with the HQs of the European Central Bank, German Federal Bank, Frankfurt Stock Exchange, Deutsche Bank, DZ Bank, KfW, Commerzbank, several cloud and fintech startups and other institutes. Automotive, technology and research, services, consulting, media and creative industries complement the economic base. Frankfurt's DE-CIX is the world's largest internet exchange point. Messe Frankfurt is one of the world's largest trade fairs. Major fairs include the Frankfurt Motor Show, the world's largest motor show, the Music Fair, and the Frankfurt Book Fair, the world's largest book fair.

Frankfurt is home to influential educational institutions, including the Goethe University, the UAS, the FUMPA, and graduate schools like the Frankfurt School of Finance & Management. Its renowned cultural venues include the concert hall Alte Oper, Europe's largest English Theatre and many museums the Schirn art venue at the old town. Frankfurt's skyline is shaped by some of Europe's tallest skyscrapers. The city is also characterised by various green areas and parks, including the central Wallanlagen, the City Forest and two major botanical gardens, the Palmengarten and the University's Botanical Garden. In electronic music, Frankfurt has been a pioneering city since the 1980s, with renowned DJs including Sven Väth, Marc Trauner, Scot Project, Kai Tracid, and the clubs Dorian Gray, U60311, Omen and Cocoon. In sports, the city is known as the home of the top tier football club Eintracht Frankfurt, the basketball club Frankfurt Skyliners, the Frankfurt Marathon and the venue of Ironman Germany. It is the seat of German sport unions for the Olympics, football and motor sports.

Frankfurt's Climate:

Frankfurt has a temperate-oceanic climate (Köppen: Cfb). Its average annual temperature is 10.6 °C (51.1 °F), with monthly mean temperatures ranging from 1.6 °C (34.9 °F) in January to 20.0 °C (68.0 °F) in July.

Frankfurt - Made with Love

Frankfurt is known to be the business capital of Germany. During the Second World War, the city was almost fully destroyed, however the hard-working German people rebuilt it in a relatively short period of time. There are lots of places of interest in the modern Frankfurt, and you should start your acquaintance with the city from Romerberg Square. It is really an important landmark, because German Kaisers' coronation ceremonies were held in this place, as well as the most gorgeous festivals and celebrations. There is the Romer city hall - the symbol of city - in this square, and near it there are some gothic buildings of the XIV-XV centuries. The most magnificent building in the city is the Alte Oper built in 1880. Also, it will be interesting for you to visit the Palmengarten, the Cathedral of Saint Bartholomew and the Saint Justin's Church which is one of the oldest in Germany.

Currency: Euros (€)

Transport within Frankfurt:

Train: Frankfurt has two major train stations; the main station (Hauptbahnhof) and the Airport (Flughafen Fernbahnhof). A few long-distance trains call at the South Station (Südbahnhof) instead of the Hauptbahnhof. Frankfurt Hauptbahnhof is one of the biggest and busiest train stations in Europe and has a beautiful architecture, so it's definitely worth a visit.

Air links: The city can be accessed from around the world via Frankfurt Airport (Flughafen Frankfurt am Main) located 12 km southwest of the city centre. The airport has four runways and serves 265 non-stop destinations. Run by transport company Fraport it ranks among the world's busiest airports by passenger traffic and is the busiest airport by cargo traffic in Europe. The airport also serves as a hub for Condor and as the main hub for German flag carrier Lufthansa.

Public Transport: Frankfurt has two rapid transit systems: the U-Bahn and the S-Bahn, as well as an above-ground tram system. Frankfurt has ten tram lines, with trams arriving usually every 10 minutes. A number of bus lines complete the Frankfurt public transport system. The central junction for the night bus service is Konstablerwache in the city centre, where all night bus lines start and end. Taxicabs can usually be found outside the major S-Bahn and U-Bahn stations, at the central station, the south station, the airport, the trade fair and in the crowded inner-city shopping streets. The common way to obtain a taxi is to either call a taxi operator or to go to a taxi rank.

Accompany Partners' Policy:

We respectfully remind you that partners accompanying delegates/speakers are not eligible to attend conference sessions and do not qualify for refreshments and lunches during the day unless they have registered.

Any partner wishing to attend events not previously selected and paid for in his or her registration may do so at the Conference Registration desk.

We would be pleased to accommodate any requests where possible.

Registration and Accommodation Policy:

Registration and accommodation changes will not be accepted unless made in writing.

Changes made within 14 days of the event may incur costs due to specific hotel and venue policies

Cancellation Policy:

Registration cancellations will not be accepted unless made in writing.

Cancellations request made before October 1st 2018 will be refunded less 25% of the Conference Registration fee, to cover administration costs.

No registration refunds will be processed after this date, however, substitute delegates are welcome.

Conference Secretariat

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Program Manager | Robotics 2018

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Academic

Only Registration: USD 799

Package A (Registration + 3 nights' Accommodation): USD 1099

Package B (Registration + 4 nights' Accommodation): USD 1199

Business

Only Registration: USD 899

Package A (Registration + 3 nights' Accommodation): USD 1299

Package B (Registration + 4 nights' Accommodation): USD 1399

Student

Student YRF: USD 449

Student Poster: USD 499 (USD 399 + USD 100 for Poster)

Student Participation without Amenities: USD 150

E-poster: USD 99

Important Dates

Abstract submission opens: Feb 20, 2018

Registration opens: Feb 20, 2018

Early bird registration: Aug 31, 2018

On spot registration: Oct 22, 2018

To Register:

Online: http://robotics.alliedacademies.com/registration

Email us for the Purchase Order or Invoice @ Robotics@alliedconference.org

Call: +44 20 3769 1755 to register by phone