

3<sup>rd</sup> World Congress on

# Mechanical and Mechatronics Engineering

May 11-12, 2020

Manchester, UK

***Mechanical  
-2020***

Theme:  
The Digital Transformation - Sustainable  
Products, Manufacturing Systems and Services

*<https://scientificfederation.com/mechanical-2020/>*

# Invitation

Mechanical-2020

## Mark Your Calendars for **Mechanical and Mechatronics Engineering 2020**

It is our pleasure to welcome you to the “3rd World Congress on Mechanical and Mechatronics Engineering”. The Mechanical and Mechatronics Engineering 2020 Conference will be held May 11-12, 2020 in beautiful Manchester City at UK.

The Mechanical and Mechatronics Engineering 2020 includes 40+ plenary lectures, dedicated poster sessions

and interactive elements. The medium-large size of the conference makes it an excellent forum to share new data, and to network with colleagues and speakers

The Mechanical and Mechatronics Engineering 2020 conference runs for 2 days, from Monday 11 to Tuesday 12 May 2020 and it will deliver an outstanding scientific program, meaningful networking opportunities and memorable cultural experiences to delegates from 60+ Countries

## Meeting Objectives Mechanical-2020

- To create technical manpower through flexible, modular, multi-point entry programmer in mechanical engineering.
  - To improve, develop and establish teaching and research programs in line with country's industrialization needs.
  - Increase interaction and collaboration with industry.
  - 30+ Speakers and Sessions
  - International Workshops and Symposia on latest trends
  - Build & Grow Your Professional Network
  - A knowledge of contemporary issues
- **\*\*Event capacity is limited, so sign up soon**



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# Why with us?

Scientific Federation Conferences is global covering Life Sciences, Physical Science & Engineering, Social Sciences and Health Sciences Conferences. We are currently focused solely on Medical related Events, Conferences and Innovations. Our main emphasis is on managing meetings, events and conferences for the scientific research and medical fields. We have brought together a multidisciplinary team, composed of scientist from various reputed organizations and universities across the globe.

The Company of Scientific Federation Conferences is a self-funded dedicated to supporting and inspiring the Health care community. We've built a wealth of knowledge in medical and scientific meeting planning and understand how to meet the complicated and specialized requirements scientific research events often demand. We bring together specialized knowledge on handling conferences with latest technology and effective communication to ensure excellence. We are committed to ensure that the changing demands of health care system are understood and the best results are delivered.

## Other Salient Features Comprehend

- Publishing of the accepted abstracts in our inordinately indexed journals
- Each of which will be labeled with a Digital Object Identification Number (DOI)
- Distinct abstract and Speaker page creation, which profusely aid in citing the research and researcher in the top search engines.
- Career Guidance Workshops for students and early career researchers

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# Tentative Agenda

May 15, 2020

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Time Sessions  
 08.00 - 09:00 Conference Enrollment  
 09:00 - 09:15 Welcome Note  
 Exhibitors can reach the stall @ 9:00 AM simultaneously with sessions

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## Plenary Speaker

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09:15 - 10:45 Plenary 1  
 Plenary 2  
 Plenary 3  
 Session Panel Discussion & Group Picture  
 Refreshments & Networking: 10:45-11.00

**Day 1 Sessions**  
 SESSION INTRODUCTION  
 SPEAKER SESSION

- Mechanical Systems
- Thermo Dynamics
- Mechatronics
- Uncertainty Quantification of Mechanical Systems ~ 6 Speakers (20 minutes Each)
- Robotics Autonomous Systems
- Fluid Mechanics
- Computational Fluid Dynamics

11:00 - 12:20

12:20-13:00 Special session/Symposium

09:15 - 10:45 Plenary 1  
 Plenary 2  
 Plenary 3  
 Session Panel Discussion & Group Picture  
 Refreshments & Networking: 10:45-11.00

**Day 2 Sessions**  
 SESSION INTRODUCTION  
 SPEAKER SESSION

- Mechanical Engineering Technology
- Electro mechanics
- Autonomous Vehicle Design and Analyses
- Aerospace Systems and Technology ~ 6 Speakers (20 minutes Each)
- Industrial Automation
- Robotics Infectious Disease Diagnosis
- Virtual Engineering

11:00 - 12:20

12:20-13:00 Special session/Symposium

## Lunch & Networking: 13:00 - 13:50

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**Cont... SPEAKER SESSION**

- Smart factory
- Advanced materials
- Re-manufacturing
- Functional and perceived quality
- Circular economy ~ 3 Speakers (20 minutes Each)

13:50 - 15:30

15:30 - 16:15 Workshop/Symposia

**Cont... SPEAKER SESSION**

- Big data
- Repair and repurpose
- Product life extension
- Circular economy
- Resource recovery ~ 3 Speakers (20 minutes Each)

13:50 - 15:30

15:30 - 16:15 Workshop/Symposia

## Refreshments & Networking: 16:15 - 16:30

## Refreshments & Networking: 16:10 - 16:30

**SPEAKER SESSION**

- Big data
- Repair and repurpose
- Product life extension
- Circular economy
- Resource recovery
- Cartesian Mechanics ~ 5 Speakers (20 minutes Each)

13:50 - 15:30

**Poster Presentations**

- Latest research Abstracts are invited for poster sessions

13:50 - 15:30 ~ 5-10 minutes for Each Poster

## Certificate felicitation & Award Ceremony

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# Who can Participate?

Faculty members, Scientists, Engineers in public and private sector, Research Scholars, Post graduate and Under Graduate students engaged in teaching and research aiming to advance their understanding of advances in mechanical science and technology.

## Important Links:

Registration:

<https://scientificfederation.com/mechanical-2020/registration.php>

Abstract submission:

<https://scientificfederation.com/mechanical-2020/abstract-submission.php>



# About Destination Manchester, UK

Mechanical-2020



As one of the most vibrant and cosmopolitan cities in the UK, there's always something on in Manchester. With a rolling calendar of events, exhibitions, concerts, markets and theatre you'll never be stuck for world-class entertainment.

Venues big and small - from the Manchester Arena, Victoria Warehouse and the Bridgewater Hall to The Deaf Institute, Band on the Wall and Albert Hall - fill the city with music and performance every night.

Be absorbed by the beautiful attractions such as the gothic architecture at John Rylands Library and Manchester Cathedral; take in fine art at Manchester Art Gallery and the Whitworth; discover history, old and new, at Manchester Museum and the Imperial War Museum North; see contemporary arts redefined at HOME; or even learn to ski at Chill Factor.

Of course, Manchester is synonymous with football; it's written in our DNA. So make some time to make a tour of the grounds of Manchester United and Manchester City, and discover the social history of the beautiful game at the National Football Museum. You can guarantee a ticket to any Manchester United home game with a Matchday VIP Experience.

For those who enjoy getting active, a short journey from the city centre provides access to beautiful walks within Greater Manchester, such as Hollingworth Lake, Heaton Park, Sale Water Park and Haigh Hall.

And if you need to keep the kids entertained, there's plenty on offer. The Museum of Science and Industry, Play Factor and LEGOLAND Discovery Centre are great fun for all the family.

Manchester is renowned for its entertainment, with a plethora of cinemas, theatre and legendary clubs for great night-time amusement. There are many opportunities to go sightseeing in Greater Manchester, with a number of walking tours, bus and taxi tours such as the hop-on hop-off Sightseeing Manchester.

As the Gateway to the North, it's easy to expand your Manchester visit even further with a trip to the beautiful countryside, including the Lake District and the Peak District, and cosmopolitan cities such as Chester, Leeds, Liverpool, Newcastle and York.



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## Accommodations:

We are also providing accommodation at the same place where as our conference going to takes place, room rates start at \$180 including all taxes and breakfast. Call T: + 040-68176321 or mail to [mechanical-2020@scientificfederation.com](mailto:mechanical-2020@scientificfederation.com) to book your reservation. All reservations should be made under “Scientific Federation Conferences in order to receive the group rate Please reserve by **April 28, 2020** to ensure the group rate. Visit:

<https://scientificfederation.com/mechanical-2020/registration.php>

## Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals  
Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

Email : [mechanical-2020@scientificfederation.com](mailto:mechanical-2020@scientificfederation.com)↪↪

June 11 - 12, 2020



## Register Now!

Want to be a Part of the Leading Allergy Event in 2020?

Choose your Category:

|                             |  |                |
|-----------------------------|--|----------------|
| <b>Speaker Registraton</b>  |  | <b>\$ 699</b>  |
| <b>Delegate Registraton</b> |  | <b>\$ 799</b>  |
| <b>Student Delegate</b>     |  | <b>\$ 299</b>  |
| <b>Package A</b>            | (Registraton & 2 nights accmmodaton)           | <b>\$ 1059</b> |
| <b>Package B</b>            | Package B (Registraton & 3 nights accmmodaton) | <b>\$ 1239</b> |

## How to Register

Visit: <https://scientificfederation.com/mechanical-2020/registration.php>

Email: [mechanical-2020@scientificfederation.com](mailto:mechanical-2020@scientificfederation.com)

Call: T: + 040-68176321



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