

4th International Conference on

APPLIED PHYSICS

Frankfurt, Germany | April 15-16, 2019

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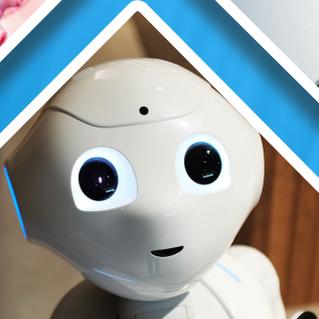


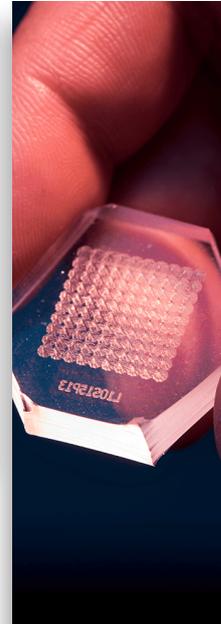
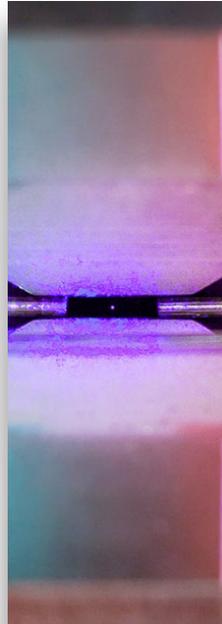
Physics 2019
Frankfurt, Germany



A Step into the Future, Recent Progress
and Innovations in Physics

Physics 2019





A Step into the Future, Recent Progress and Innovations in Physics

Conference Dedicated to Innovate Solution to the Technological Challenges
Your single Destination to reach Largest Assemblage of participants from
Physics 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

Physics 2019

Speakers Representation from 50+ Countries

1 Conference | 2 Days | 4th Conference in Physics series

15 Keynote Talks | 75 Plenary Speakers | 16 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 ***"4th International Conference on Applied Physics"*** scheduled during ***April 15-16, 2019 at Frankfurt, Germany.***

The Conference will be organized around the theme ***"A Step into the Future, Recent Progress and Innovations in Physics"***

Physics 2019 anticipates more than 200 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 Physics and its allied fields to expose their research work.

Our conference aims to gather the Researchers, principal investigators, experts, physicists and researchers working on fields of physics from both academia and technology 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

Fiona Davies

Fiona Davies

Program Manager

Physics 2019

Our Organization takes pride in inviting the Physicists, researchers and delegates all over the world for our 4th International Conference on Applied Physics which will be held on April 15-16, 2019 in the city of Frankfurt, Germany.

The Physics conference is necessary for bringing together all the researchers and noble laureates from different parts of the world to discuss their research works and innovations. The participation in such a prestigious conference will inspire the young researchers to achieve new heights in their fields. This Physics meeting will contribute to the significant advances in technologies through theoretical breakthroughs.

Physics 2019 will be a stupendous event which will be interactive and inspiring with more than 20 Keynote speakers and 100 speakers, delegates and participants that addresses the current issues in Physics. The Physics conference will be hosted in Frankfurt, Germany to experience the past, present and future of Physics.

The global scientific event Physics 2019 is aimed for bringing the vast pool of researchers and students to have a global exposure at the recent technological innovations in the interdisciplinary field of Physics.

The Physics conference will facilitate you to share and express your thoughts and views on any research works. Physics 2019 will help you meet the greatest scientific minds in the field of Physics like never before.

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.

Physics 2019 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, April 15

08:00-09:00

Registration

09:00-09:30

Opening Ceremony

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

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, April 16

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 the Applications of Physics in the interdisciplinary fields, 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 Physics in diverse fields 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 the challenges involved in Theoretical & Experimental Physics and provide technologies for the betterment of human life.

Objectives

After participating in this meeting, attendees should be able to

- Discuss emerging issues in Existing technologies
- Discuss and apply recent research findings related to Physics in Interdisciplinary fields
- Disseminate the diverse voices of breakthrough innovators with visionary and practical solutions.

Who should attend?

Physicists, Medical Physicists, Scientists, Biophysicists, Acoustician, Chemical Physicists, Econophysicists, Geophysicists, Material Physicists, Astrophysicists, Physical Societies, CEO's and R&D Head from Industries, Group leaders in Physical Laboratories, Technicians, Professors and Students from Academia in the interdisciplinary field of Physics who utilize their research and knowledge in finding new innovative techniques for helping mankind.

Diverse Action-Oriented Programming & Networking

EXPERIENCE: Inspiring change around the country and world, growing a revolution from the technological innovations and rapid modernization in the interdisciplinary field of Physics.

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 Biophysics, Laser Physics, Photonics, Acoustics and many more 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.

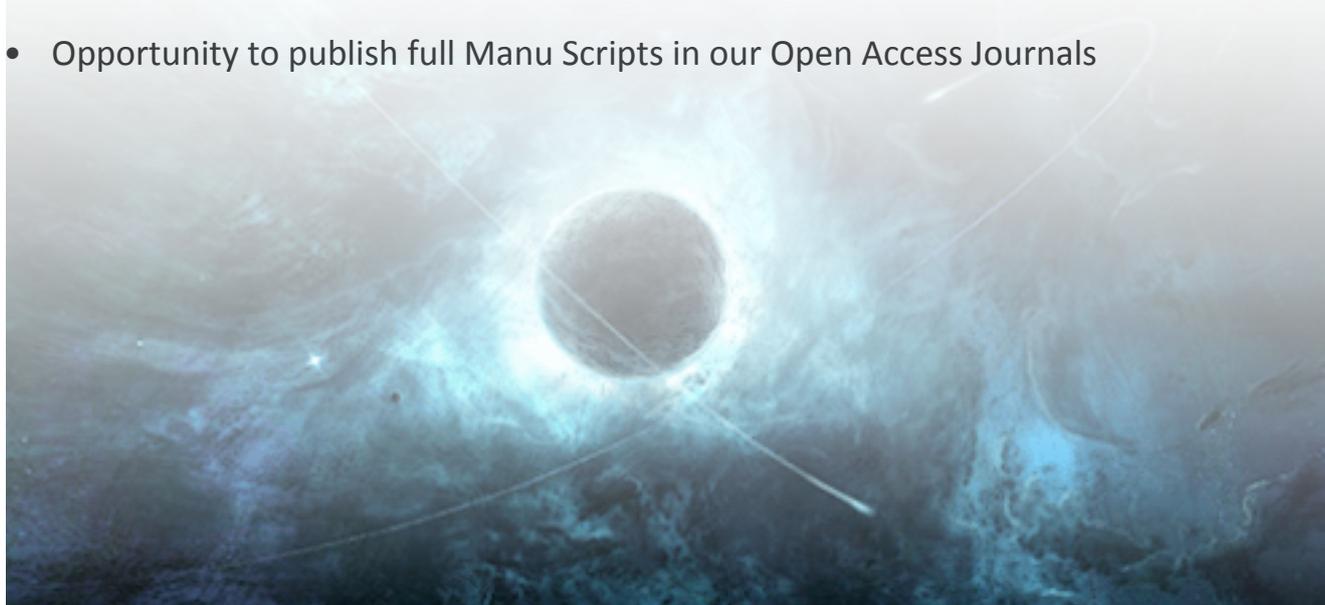
SHARE your insights and learning at the conference in participatory and experiential workshops.

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 Manuscripts in our Open Access Journals



Scientific Sessions

Acoustics

Laser and Optics

Mathematical Physics

Soft Matter Physics and Biophysics

Advanced Materials

Engineering Physics

Metrology

3D Printing and Technology

Energy and Renewable resources

Environmental and Geophysics

Quantum Physics

Photonics and Photovoltaics

Nanoscience and Nanotechnology

Medical Physics

Surface Physics

Computational Physics

Physics 2019 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

Physics 2019 an unique platform to increase your reputation within the Physics Sector

Learning and Knowledge in a single package

Speaker's representation from 50+ Countries

1 Conference | 2 Days and 4th conference in the Row



Some of the major and largest scientific experiments in the world today are physics-centered. For example Large Hadron Collider-LHC that generate employment and business opportunities for thousands of scientists, academic research groups and companies from around the world. New superconducting magnets and advanced materials that have resulted from previous research in physics are commonly used in these extreme experiments.

But not all physicists will end up working at these large high-energy physics experiments, universities or National Laboratories. Industry requires new generations of physicists in such sectors as semiconductor, energy, space, life sciences, defense and advanced manufacturing. From artificial intelligence and self-driving cars to clinical imaging and 3D printing, drastic technological change is happening at lightning speed all around us.

According to a report by the Global Agenda Council on the Future of Software and Society, the 3D printing market for healthcare is predicted to reach some \$4.04 billion by 2018 and most people expect that the first 3D printed liver will happen by 2025.

By 2020 around 22% of the cars will be connected to the internet and by 2024, more than half of internet traffic will be used by appliances and devices.

The United Nations has set the goal of connecting all the inhabitants to affordable internet by 2020. Today, 43% of the world's population are connected to the internet, mostly in developed countries.

By 2025, 10% of people are expected to be wearing clothes connected to the internet and the first implantable mobile phone is expected to be sold.

Frankfurt is home to a portion of the greatest urban communities on the planet, and everyone has its own story to tell. It is the source of research colleges the huge spots with ivory towers and libraries where new information is delivered each day.

Regularly consigned to “the gateway to Europe,” Frankfurt has more to see than what you can expect. Frankfurt is the financial capital of Germany and much obliged to its skyscrapers and the river Main.

Even in spite of the fact that it as it were has 700,000 inhabitants, Frankfurt is a strikingly different city with more than half of its inhabitants are non-German and more than 100 distinctive dialects are talked. With this intellect, it’s no shock that Frankfurt has numerous extraordinary things to offer, from the arts, outdoors, and shopping to memorable buildings.

Important Attractions

Römerberg - The only part of the modern city that was recreated to look like all of Frankfurt once did.

Main Tower - The building named after the German river Main, which runs through Frankfurt’s city center.

Goethe’s house - Frankfurt is the birthplace of Germany’s most important writer, Johann Wolfgang von Goethe.

Alte Oper - The original opera house and a concert hall in Frankfurt.

Senckenberg Museum - One of the largest museums of natural history in Germany.

Palmengarten - The Botanical Garden takes you on a horticultural journey from the African savanna and the exotic plants of the rain forests, to the blooming flower gardens in Europe.

Museumsufer - Take a walk along the river Main, a corridor of some of the best museums in the country.

Frankfurt's Climate:

Frankfurt enjoys a continental climate. The best season to visit Frankfurt is from April through September where the green landscape and sunshine make it the perfect weather for exploring the city. Visit Frankfurt in Spring, when temperatures are mild, gardens are blooming in the month of April. Join the Frankfurt's Ratsweg Fairground hosts the largest folk festival in the Rhine-Main region.

Frankfurt am Main

Frankfurt is home to a portion of the greatest urban communities on the planet, and everyone has its own story to tell. It is the source of research colleges the huge spots with ivory towers and libraries where new information is delivered each day.

Regularly consigned to "the gateway to Europe," Frankfurt has more to see than what you can expect. Frankfurt is the financial capital of Germany and much obliged to its skyscrapers and the river Main.

Currency: Euro (€)

Transport within Frankfurt:

Train: Germany is known for the efficiency, speed, and reliability of its transport systems, and Frankfurt is no exception. Deutsche Bahn carries some 5.5 million travelers every day on its 33,300-kilometer modern rail network, and a wide network of regional trains connect to Frankfurt's surrounding areas.

Air links: The airport's regional train station is served by RMV with direction connections to Frankfurt, Hanau, Aschaffenburg, Mainz, and Wiesbaden. You can use either the trains of the s-bahnlines S8 and S9 or the Regional Express (RE) with the numbers 59, and 75. It's easy for you to get there from anywhere in the area served by RMV by transferring at any of those places.

Public Transport: The city of Frankfurt is served by a modern public transport system designed to move thousands of workers in and out of the city's centre everyday.

Public transport in Frankfurt is made up of modern rail and bus transport whose traffic is expertly orchestrated by the transit authorities with typical German efficiency.

Cycling: Anyone who wants to use a bicycle to investigate the city and its surroundings will find many bicycle paths and bicycle routes. The bicycle route planner for Frankfurt am Main and the federal state of Hesse (Radroutenplaner Hessen) provides interesting suggestions. There is also the 75-kilometre Green Corridor Bicycle Path (GrünGürtel-Radweg), which encircles the entire city, and a 10-kilometre bicycle path around the Höchst industrial park.

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 January 15, 2019 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

Fiona Davies

Program Manager | Physics 2019

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E: physics@alliedconference.org

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Academic

Only Registration: USD 699

Package A (Registration + 2 nights' Accommodation): USD 1099

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

Business

Only Registration: USD 899

Package A (Registration + 2 nights' Accommodation): USD 1199

Package B (Registration + 3 nights' Accommodation): USD 1399

Student

Student: USD 399

Student YRF: USD 499

Student Delegate without Amenities: USD 200

E-poster: USD 99

Important Dates

Abstract submission opens: Aug 25, 2018

Registration opens: Sep 05, 2018

Early bird registration: Dec 15, 2018

On spot registration: Apr 15, 2019

To Register:

Online: <http://physics.alliedacademies.com/registration>

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

physics@alliedconference.net

Call: +44-203-769-1755 to register by phone