International Conference on Applied Physics and Engineering (ICAPE)

March 25-26, 2020
Amsterdam, The Netherlands

Hosting Organization: Pulsus Group
40 Bloomsbury Way | Lower Ground Floor
London, United Kingdom | WC1A 2SE | Tel: +1-408-429-2646
appliedphysics@pulsusglobal.com
PULSUS brings in a new spin on conferences by presenting the latest scientific improvements in your field. Listen to motivating keynotes from thought leaders or rub elbows with pioneers across the globe. Edinburgh is all set for an amazing event as PULSUS proudly presents the “International Conference on Applied Physics and Engineering (ICAPE)” slated on March 25-26, 2020 at Amsterdam, The Netherlands.

Pulsus cordially welcome researchers, academicians, students and business professionals in the field of physics and engineering from around the world to participate in the upcoming Applied physics-2020. The meeting for this year will revolve around the theme “Era of Physics Innovations and engineering Excellence” thus relaying the most cutting-edge findings in the field of physics Research. The two-day meeting is going to be an event to look forward to for its enlightening symposiums & workshops from established experts of the field, exceptional keynote sessions directed by the best in the business. It will also prove to be a brilliant open door for the representatives from Universities and Institutes to cooperate with the world class researchers and an outstanding opportunity for businesses keen at expanding their global market reach. Interested individuals can confirm their participation by registering for the conference along with their colleagues. Register soon and avail exciting early bird discounts.

Conference Highlights

- Applied physics
- Medical Physics
- Laser and optics
- Theory of Relativity
- Nanoscience and Nanotechnology
- Condensed matter physics
- Fluid dynamics
- Quantum optics
- Biophysics
- Plasma physics
- Accelerator physics
- Atomic Force microscopy
- Molecular imaging
- Nuclear Astrophysics
- Astrodynamics
- Ballistics
- Space physics and technology
- Computational physics
- Control theory
- Digital electronics
- Engineering physics
- Geophysics

Regards

Applied physics 2020
Organizing Committee
Pulsus Group is an internationally renowned worldwide peer-review publisher and conferences organizer established in the year 1984 publishes and hosts the work of researchers in a manner that exemplifies the highest standards in research integrity. Pulsus Conferences explore the future by connecting minds and spreading brilliance at Pulsus Group annual conferences & meetings. Meet your colleagues, discuss your specialty, spread and aid, learn & grow in association with 1000+ scientific societies from the USA, Europe, The Middle East, Africa and The Asia-Pacific region. Pulsus group is closely associated with globally renowned academic and research societies. Pulsus Conferences believe that true technology and innovation depends on hearing from, and listening to, people with a variety of perspectives. Pulsus Conferences enhances the technology for people from underrepresented groups by actively recruiting diverse speakers for our events, signing up a broad variety of authors for journals and videos, and taking part in ongoing conversations about the value of diversity in the communities we serve.
Market Analysis

Applied Physics is intended for technical and practical use. Applied Physics is established in the basic certainties and essential ideas of the Physical sciences and it utilizes the scientific principles in practical devices and in other related areas such as Lasers, Optics, Semiconductor devices and Nanophotonics. Demand for Physics is always there in the market because of its applications. According to the Engineering Technologies – 2018-2024 report, the global market will grow at a CAGR of 24.6% throughout 2018-2024. During 2017 Engineering technologies performance has increased at an impressive rate; we forecast that 2019-2020 will experience a surge of breakthroughs. According to the new market research report on Type Application of physics like (Optical communication & laser processing), Vertical (Commercial, Telecom, Research, Defence, Medical, Automotive, Electronics, & Industrial), & Geography - Global Forecast to 2022”, this market is expected to be valued at USD 15.38 Billion by 2022, at a CAGR of 5.2% between 2017 and 2022. The major factors driving the growth of physics include increasing demand from the healthcare sector, environmental sector, financial sector and shift towards production of nano and micro devices, and enhanced performance over the traditional material processing techniques.

Atomic Physics systems has been increasing due to the developing necessities of the industries as wells as the substantial demand. Atomic Physics market is estimated to reach USD 5.60 Billion by 2022, rising at a CAGR of 6.0% through the calculation period of 2019 to 2022. North America probably has the largest share, in the upcoming years; the atomic physics market is expected to see the maximum growth rate in the Asia-Pacific region, with accent on India, China and Japan. Some of the key players in the global atomic physics market comprise Agilent Technologies (U.S.), PerkinElmer (U.S.), Thermo Fisher Scientific (U.S.) and Bruker Corporation (U.S.).

Target Audience

• Toxicology Professionals
• Pharmacology Professionals
• Toxicologists
• Pharmacologists
• Clinical Toxicologists
• Medical Colleges
• Research faculty
• Academic Scientists
• Students
• Business Entrepreneurs
• Industry professionals

Who should attend?

A great opportunity to network with your peers from academia and industry:

• Professors, Students, Researchers and Technical Staff from Physics and Astronomy and other related disciplines
• Directors of Companies
• Nanotechnology Engineers
• Atomic Physics Eminent Scientists
• Manufacturing Companies
• Presenting Your Organization’s Work on a Global Platform
• Discuss and Overcome Issues in your Field by Expert Advice
• Network with Experts from the Sector Learn from Other Speakers
• Meeting the new People from 22+ Different Countries
## Conference Agenda / Program

### Event at a Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30-09:30</td>
<td>Registrations</td>
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<tr>
<td>09:30-11:30</td>
<td>Keynote Forum</td>
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<tr>
<td>11:30-11:45</td>
<td>Network &amp; Refreshments Break*</td>
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<tr>
<td>11:45-13:00</td>
<td>Tracks: Applied physics</td>
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<tr>
<td>13:00-13:45</td>
<td>Lunch Break**</td>
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<tr>
<td>13:45-16:00</td>
<td>Tracks: Nanoscience and Nanotechnology</td>
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<tr>
<td>16:00-16:15</td>
<td>Network &amp; Refreshments Break*</td>
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<tr>
<td>16:15-18:00</td>
<td>Tracks: Biophysics</td>
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Day Concludes

### March 26, 2020 - Thursday

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<tr>
<th>Time</th>
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<tr>
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<td>Tracks: Atomic Force microscopy</td>
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<td>11:30-11:45</td>
<td>Network &amp; Refreshments Break*</td>
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<td>11:45-13:00</td>
<td>Tracks: Nuclear Astrophysics</td>
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<td>13:00-13:45</td>
<td>Lunch Break**</td>
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<tr>
<td>13:45-16:00</td>
<td>Tracks: Computational physics</td>
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<tr>
<td>16:00-16:15</td>
<td>Network &amp; Refreshments Break*</td>
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<tr>
<td>16:15-18:00</td>
<td>Poster Presentations</td>
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Day Concludes

Award Ceremony

Conference Concludes
Editorial Board Members

Lin Li
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Neyara Radwan
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Tungsten Deposition Group, USA
Juan Hugo Garcia
University of Guadalajara, Mexico
Terry M. Tritt
Clemson University, US

Supporting Journals

Selected contributions will be published in following supporting international Journals:
Journal of Modern and Applied Physics
Journal of Materials Engineering and Applications

Haibin Ning
The University of Alabama at Birmingham, United States
Babak Safaei
Tsinghua University, China
Sateesh Bandaru
China
Prof. Dr. Abdelwahab Omri
Sudbury, Ontario, Canada

Yiquan Wu
Alfred University, New York
Catalin Fetecau
Dunarea de Jos University of Galati, Romania
Amsterdam is the Netherlands’ capital, known for its creative legacy, expound channel framework and restricted houses with gabled veneers, heritages of the city’s seventeenth century Golden Age. Its Museum District houses the Van Gogh Museum, works by Rembrandt and Vermeer at the Rijksmuseum, and present-day workmanship at the Stedelijk. Cycling is vital to the city’s character, and there are various bicycle ways. It is a standout amongst the most mainstream traveller goals in Europe, accepting more than 4.63 million global guests every year, this is barring the 16 million-day trippers visiting the city consistently. The quantity of guests has been becoming consistently over the previous decade. This can be credited to an expanding number of European guests. 66% of the lodgings are situated in the downtown areas. Lodgings with 4 or 5 stars contribute 42% of the aggregate beds accessible and 41% of the medium-term remains in Amsterdam. The room occupation rate was 78% in 2016, up from 70% in 2015. The larger part of visitors (74%) start from Europe. The biggest gathering of non-European guests originates from the United States, representing 14% of the aggregate.
Why Sponsor Our Event?

• Maximum exposure at a premier conference devoted to those involved in the office professional industry.
• An opportunity to build and reinforce strategic relationships within the office professional industry.
• Time to network with industry colleagues and key decision makers.
• A cost effective way to reinforce your organization’s brand and build brand awareness amongst a relevant audience.
• Access to a broad network of industry partners from state and federal Government departments and the private sector.
• Time to present latest innovations and new products or services to a pertinent audience, and showcase your expertise and capabilities.
• Increased marketing opportunities including visibility on the conference website and associated marketing materials.

Diamond Sponsor: $10000

• Top billing logo recognition (Chamber website, event website, invitation/publicity, event signage)
• Three corporate sponsored workshop slots (audio visual included).
• Two complimentary exhibit booths with priority to purchase exhibition space and choose booth location (Booth size-3X3 sqm).
• Four complimentary registrations.
• One A4 color advertisement in the congress program or book of abstracts (excluding cover pages).
• 50% discount on both Extra Delegate Registrations and Booth

Silver Sponsor: $5000

• Larger name recognition (Chamber website, event website, invitation/publicity, event signage)
• Two complimentary congress registrations.
• One corporate sponsored workshop slot (must honor deadlines, catering and audio visual included).
• One complimentary exhibit booth with priority to purchase exhibition space and choose booth location (Booth size-3X3 sqm).
• One A4 color advertisement in the congress program or book of abstracts (excluding cover pages).
• 50% discount on both Extra Delegate Registrations and Booth

Gold Sponsor: $7500

• Larger name recognition (Chamber website, event website, invitation/publicity, event signage)
• Two corporate sponsored workshop slot (must honor deadlines, catering and audio visual included).
• One complimentary exhibit booth with priority to purchase exhibition space and choose booth location (Booth size-3X3 sqm).
• Three complimentary congress registrations.
• One A4 color advertisement in the congress program or book of abstracts (excluding cover pages).
• 50% discount on both Extra Delegate Registrations and Booth

Bronze Sponsor: $3500

• Larger name recognition (Chamber website, event website, invitation/publicity, event signage)
• One complimentary congress registrations.
• One corporate sponsored workshop slot (must honor deadlines, catering and audio visual included).
• One complimentary exhibit booth with priority to purchase exhibition space and choose booth location (Booth size-3X3 sqm).
• One A4 color advertisement in the congress program or book of abstracts (excluding cover pages).
• 50% discount on both Extra Delegate Registrations and Booth

Exhibition Sponsor: $2500

• Larger name recognition (Chamber website, event website, invitation/publicity, event signage)
• One complimentary congress registrations.
• One corporate sponsored workshop slot (must honor deadlines, catering and audio visual included).
• One complimentary exhibit booth with priority to purchase exhibition space and choose booth location (Booth size-3X3 sqm).
• Half Page A4 color advertisement in the congress program or book of abstracts (excluding cover pages).
• 25% discount on both Extra Delegate Registrations and Booth
Registration/Sponsorship Application Form

Name
Organization/Company
Package of your Choice
Country
State
Address
Email
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Fax

Please Select the Appropriate Level
Only Registration
Diamond Sponsor
Package A
Gold Sponsor
Package B
Silver Sponsor
Exhibition
Bronze Sponsor

For more details: https://appliedphysics.pulsusconference.com/registration
Email: appliedphysics@pulsusseries.com

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☐ Credit Card. Please debit my:
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Signature: .................................................................
Credit Card billing address:
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Contact name and number for card holder:
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Please note that cards will be debited within 7 days of your registration.
☐ Yes I agree to the terms and conditions as stated on this form.

Delegates who do not pay their bookings are requested to provide a copy of bank transfer/credit card/cheque details to help payment allocation. Staff at the event will request a credit card guarantee for delegates without proof of payment.

Credit Card Payment:
We are accepting all major Credit Cards/Debit Cards including American Express, Discover, Master Card and Visa.
*Processing Charge: Visa: 2%, Master: 2%, Others: 2%

Bank Transfer

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Important Dates

Abstract submission opens: **September 17, 2019**
Registration opens: **September 17, 2019**
On spot registration: **March 25, 2020**

Venue Details

**Amsterdam, The Netherlands**

Abstract Submission link
https://appliedphysics.pulsusconference.com/abstract-submission

Note: All the relevant abstracts will be accepted and published in respective conference proceedings.

Registration link
https://appliedphysics.pulsusconference.com/registration