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ICHEP 2017

3RD INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS

December 11-12, 2017 Rome, Italy

3rd International Conference on High Energy Physics



Rome, Italy

December 11-12, 2017

highenergy@physicsconference.org

High Energy Physics 2017

Invitation

Dear Attendees,

Conference Series LLC welcomes you to attend the "3rd International Conference on High Energy Physics which is going to be held during December 11-12, 2017 in Rome, Italy". We cordially invite all the participants to share their knowledge and research in the field of High Energy Physics. High Energy Physics 2017 anticipates more than 200 participants around the globe with thought provoking Keynote lectures, Oral presentations, Symposia, Workshops and Poster presentations. The attending delegates include Editorial Board Members of related International Journals. This is an excellent opportunity for the delegates from universities and institutes to interact with the world class scientists and eminent personalities. The intending participants can confirm their participation by registering for the conference along with your colleagues. The main theme of the conference is "New Directions in Experiment and Theory of High Energy Physics".

Sincerely,

High Energy Physics 2017

Operating Committee

Market Analysis Report for HEP 2017

High Energy physics is the science of the smallest constituents of matter, and how they interact. It is the field of natural science that pursues the ultimate structure of matter. This is possible in two ways. One is to look for elementary particles, the ultimate constituents of matter at their smallest scale, and the other is to clarify what interactions are acting among them to construct matter as we see them. High Energy physics explores objects that are not only very energetic but are also very small. We probe the fundamental structures of matter and energy and also the interplay between them.

The High Energy Physics (HEP) landscape has changed significantly over the past few years. Fermilab's Tevatron once the king of particle accelerators ceased operations two years ago as LHC scientists cranked up the energy at the world's highest-energy particle accelerator. Months later, scientists there announced conclusive evidence that they'd seen an elusive Higgs-like boson for the first time. Much of HEP research now revolves around the LHC, and young particle physicists face different research priorities, career prospects and opportunities compared to what their older advisers faced years ago.

Overview:

The High Energy Physics (HEP) program mission is to understand how the universe works at its most fundamental level by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time. HEP offers research opportunities for individual investigators and small-scale collaborations, as well as very large international collaborations, chosen for their scientific merit and potential for significant impact.

Market Analysis Report for HEP 2017

More than 20 HEP supported physicists have received the Nobel Prize. Moreover, many of the advanced technologies and research tools originally developed for high energy physics have proven widely applicable to other scientific disciplines as well as industry, medicine, and national security. Our current understanding of the elementary constituents of matter and energy is captured in what is called the Standard Model of particle physics. It describes the elementary particles that comprise ordinary matter and forces that govern them with very high precision. However, recent observations that are not explained by the Standard Model suggest that it is incomplete and new physics may be discovered by future experiments. Astronomical observations indicate that ordinary matter makes up only about 5% of the universe, the remainder being 70% dark energy and 25% dark matter, both “dark” because they are either nonluminous or unknown. The observation of very small but non-zero masses of the elementary particles known as neutrinos provides further hints of new physics beyond the Standard Model. A world-wide program of particle physics research is underway to discover what lies beyond the Standard Model. Five intertwined science drivers of particle physics provide compelling lines of inquiry that show great promise for discovery:

- Use the Higgs boson as a new tool for discovery
- Pursue the physics associated with neutrino mass
- Identify the new physics of dark matter
- Understand cosmic acceleration: dark energy and inflation
- Explore the unknown: new particles, interactions and physical principles

About Us

Our International Open Access Journals

- **700+ Leading**-edge Peer Reviewed Open Access Journals
- **21 Day** Rapid Review Process
- **50000+** Editorial Board Team, **35000+** Reviewers team
- **30 Million Readers** and High Visibility
- **1000+ Scientific Associations** Collaborations
- **100000+** facebook fans Likes
- **Publication** immediately after acceptance
- **Quality and Quick** editorial, review processing

Salient Features

- **Easy to Submit** and Review Systems
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- **Truly impartial recognition** of the best papers
- **Feedback** on the impact of every article
- **Enhanced feature:** Audio version of published paper
- **Digital articles** to share and explore
- **Sharing option:** Social networking enabled
- Authors, reviewers and editors are provided with **scientific credits**
- User friendly/feasible website articles **translations** across more than **50 world languages**

Our International Scientific Conferences

- More than **3000 Conferences** happening across the globe
- Conferences organized in **Physics, Medical, Pharma, Engineering, Science, Technology and Business.**
- **CME/CPD Accredited** Conferences fostering professional and Personal development
- **Continuum of education** through organized scientific program
- **Renowned speakers** and scientists representing from **40 countries**
- **Highly Interactive sessions** and Panel Discussions
- **B2B Meetings** offers perfect platform for Global Networking

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

Special Issues : All accepted abstracts will be published in respective Conference Series LLC Journals

Each abstract will be provided with Digital Object Identifier by crossref

About Conference

High Energy Physics 2017 Conference website is attracting **25000+** Physicists, Researchers, Academicians online visitors ranging from Researchers, Academicians and Business professionals, who are working in this field. 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.

How Conference Series Conferences differs from others?

- 3000+ Conferences across the globe in 30+ countries all through the year
- Over 25 Million+ Visitors and 20000+ Unique Visitors per conference
- 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

High Energy Physics 2017 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
- Meet with new vendors and suppliers



About Conference

Purpose

3rd International Conference on High Energy Physics is an arena for interdisciplinary exchange among professionals in the fields of Physics and other related socities.

Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about High Energy physics and we present you the most recent research findings, promote and enhance the scientific collaborations all over the world
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address regional, national and local responses to Elderly Population around the world 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 High Energy Physics
- Discuss and apply recent research findings related to High Energy Physics
- Reflect on the place of critical distance in High Energy Physics

About Conference

Who should attend

3rd International Conference on High Energy Physics is exclusively designed for Physicists, Researchers, Academicians, Physics Organisations, Physics Societies and other related High Energy Physics research centres.

About hosting organization

Conference Series LLC is the world's leading specialist in organizing Academic, Scientific and Business conferences, meetings, simposia and exhibitions in different verticals and horizontals like Physics, Medical, Pharma, Engineering, Science, Technology and Business to promote scientific research. Every year we host more than **3000+ global events** inclusive of **1000+ Conferences 1000+ Symposiums 1000+ Workshops** in **USA, Europe, Middle East and Asia** with the generous support and cooperation from our **30000+ Editorial Board Members, 1000+ Scientific Societies.** All the conference proceedings are published in the special issues of our **700+ Open Access International Journals** with the **DOI** provide

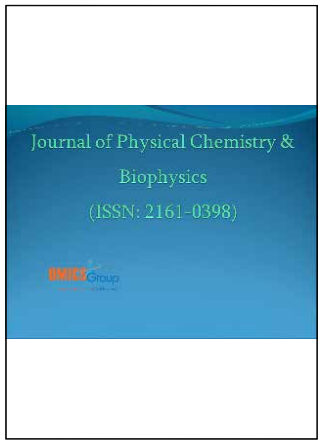
Major sessions

- High Energy Nuclear Physics
- Astroparticle Physics and Cosmology
- Quantum Mechanics
- Quantum Field Theory
- Quantum Optics
- Neutrino Physics
- Collider Physics
- Subatomic Particles
- Kinematics
- Atomic and Molecular Physics
- Heavy Ion Physics
- String Theory

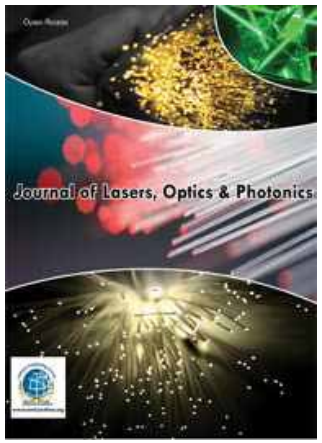
About Conference

Supporting Journals

- Journal of Physical Chemistry & Biophysics
- Journal of Astrophysics & Aerospace Technology
- Journal of Lasers, Optics & Photonics
- Journal of Pure and Applied Physics









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About Rome

Rome is the capital city of Italy. With 2.9 million residents in 1,285 km^2 and it is also the country's largest and most populated community and fourth populous city in the European continent. Rome is the Metropolitan City with a population of 4.3 million residents. Rome which is the Metropolitan City and is located in the central-western portion of the Italian Peninsula and along the shores of Tiber river. Geographically the City of Vatican which is an independent country located within the city boundaries of Rome and it is the only existing country within a city. This is the reason why Rome has been defined as capital of two states.

It has a very large number of Colleges as well as Universities. The Metropolitan City Rome is ranked number two according to the historical as well as in case of education and also in case of culture and it is the most beautiful city located in Italy. Rome is also named as the world's most tourist destination. The city is located with many museums and also there are many historical buildings as well as many monuments and Catacombs and it receives almost 7-10 million tourists every year. The main archeological research center is located in Rome and it is also named as a hub for archeology. Rome is also named as the world's fashion capital and it also has a very huge and vast collection of paintings, frescos, sculpture, fountains and mosaics. Not only regarding historical places, tourists attractions and educational societies, when the topic comes to the climate Rome has also equipped with Mediterranean climate with cool winters and warm to hot summers. In winter the days are not as short as in the northern part of the continent and the average hours of daylight in January, February and December is 10 hours.







Venue & Accommodation

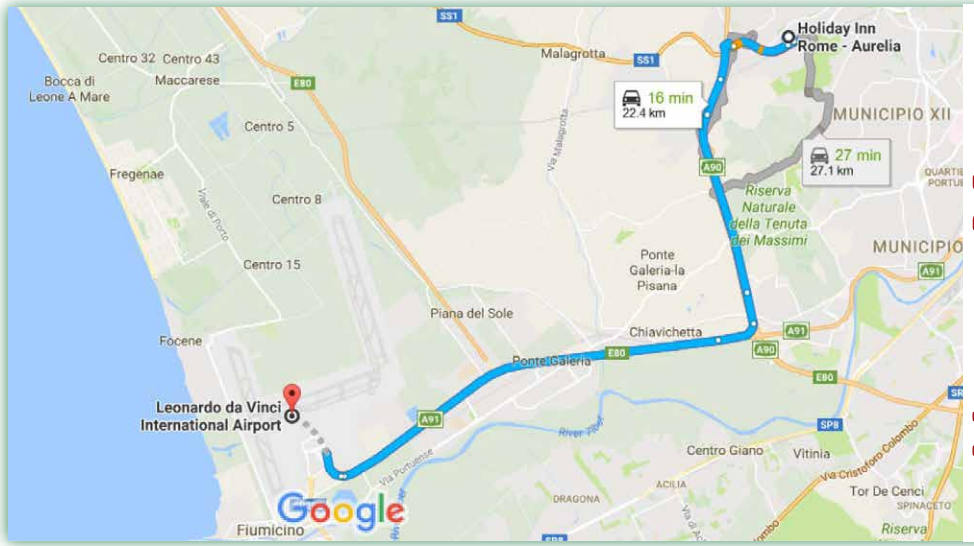
Venue & Accommodation

Holiday Inn

Rome, Aurelia

Via Aurelia, Km8, 400

00165 Rome Italy



Venue Map

Contact Us

Program Director| High Energy Physics 2017

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Important Dates

Abstract submission opens: December 19, 2016

Registration opens: December 22, 2016

On spot registration: December 11, 2017