Tentative Program

4th International Conference on

High Energy & Particle Physics

December 03-04, 2018 Valencia, Spain



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

highenergy@physicsconferences.org

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Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
		09.00-09.15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessions	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		
	NOTE: Program Shedule is subject to change with final allotment of the speaker slots		

30 Speakers on Day 2

Call for Abstract: https://highenergyphysics.conferenceseries.com/call-for-abstracts.php

Registration: https://highenergyphysics.conferenceseries.com/registration.php

Abstract Submission: https://highenergyphysics.conferenceseries.com/abstract-submission.php

Brochure: https://highenergyphysics.conferenceseries.com/conference-brochure.php

For more Details PS: https://highenergyphysics.conferenceseries.com/

Email: highenergy@physicsconferences.org; highenergyphysics@annualconferences.org

Conference Highlights

- Theoretical and Experimental High Energy Physics
- Particle and Nuclear Physics
- Astrophysics and Cosmology
- Heavy Ion Physics
- String Theory
- Quantum Physics & Quantum Technology
- Plasma Physics
- Material Science & Engineering
- Electromagnetism
- Atomic and Molecular Physics
- Nanotechnology



Best Tourist Destinations in Valencia, Spain



Biopark



El Miguelete



González Martí National Museum of Ceramics and Decorative Arts



Hemisfèricy Museo de las Ciencias Príncipe Felipe



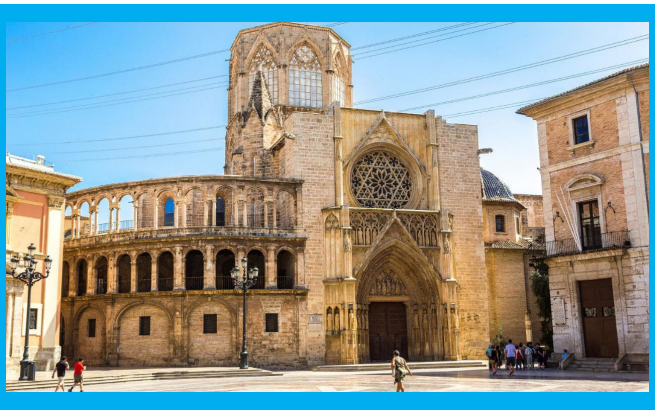
L'Oceanogràfic



Mandalay Bay Shark



Museo de la Almoina



Saint Marys xlarge

Conference Venue

Valencia, Spain



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1529th Conference

Scientific Program

3rd International Conference on

HIGH ENERGY PHYSICS

December 11-12, 2017 Rome, Italy



Conference Series -America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series -UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Day 1 December 11, 2017

Registrations

Conference Hall

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Group theory, coherent states, and the N-dimensional oscillator

Carl R Hagen, University of Rochester, USA

Title: Collapsar model for the central engine of gamma ray bursts

Sachiko Tsuruta, Montana State University, USA

Group photo

Networking and Refreshments Break

Title: An interplay between the atomic and high energy physics: an update

Arkady Kholodenko, Clemson University, USA

Title: Possible implications for discovery of strong radial magnetic field at the galactic center

Qiu He Peng, Nanjing University, China

Sessions: Astrophysics and Cosmology | String Theory | Material Science & Engineering

Session Chair: Carl R Hagen, University of Rochester, USA

Session Introduction

Title: The Milky Way's supermassive black hole: How good a case is it? A challenge for astrophysics and philosophy of science

Andreas Eckart, University of Cologne, Germany

Title: Electromagnetic component of physical vacuum as a basic energy containing medium the ether of the universe: Phenomenology

Serge F Timashev, Karpov Institute of Physical Chemistry, Russia

Lunch Break

Title: The energy loss of relativistic heavy ions in a gadolinium foil below and above the ferromagnetic Curie temperature

F Nickel, GSI Darmstadt, Germany

Title: The quantum Hall effect, the θ angle, instantons and all that

Adrianus M.M. Pruisken, University of Amsterdam, The Netherlands

Title: A no tau neutrino appearance and a no Glashow resonance suggest an absent neutrino astronomy

Daniele Fargion, INFN, Italy

Title: Classical U (1) and SU (3) gauge theories in Weyl 2-spinor form and quark-gluon field induced equations of motion

J Buitrago, Instituto de Astrofísica de Canarias, Spain

Networking and Refreshments Break

Title: Finite-temperature effective potentials in models with extended Higgs sector

Mikhail Dolgopolov, Samara University, Russia

Title: Microfocus Bremsstrahlung Source Based on Betatron High-Resolution Radiography and Tomography

V A Smolyanskiy, National Research Tomsk Polytechnic University, Russia

Title: The analysis of dislocations motion in aluminum with allowance for the Peierls potential relief

Arakelyan M M, Yerevan State University, Armenia

Title: Motley string or from 10 to 4

George Yury Matveev, IT consultant, Sweden

Young Researchers Forum

Title: Deformation quantization of symmetric Kähler manifolds
Kentaro Hara, Tokyo University of Science, Japan
Title: Renormalization group improved pQCD prediction for Upsilon(1S) leptonic decay
Jian-Ming Shen, Chongqing University, China
Title: The Allan hypothesis
Allanur Ansari, National Infotech College, Nepal

Panel Discussion

Day 2 December 12, 2017

Conference Hall - Olimpica 3+4

Keynote Forum

Title: The secondary supernova machine: Gravitational compression, stored Coulomb energy, and SNII displays
Bradley S Meyer, Clemson University, USA
Title: Implication of strong magnetic field near the galactic center (GC)
Qiu He Peng, Nanjing University, China

Special Session

Title: Mathematical modeling of charges generation rate in the SiC semiconductor
Mikhail Dolgopolov, Samara University, Russia

Networking and Refreshments Break

Sessions: High Energy Nuclear Physics | Particle and Nuclear Physics | Atomic and Molecular Physics | Electromagnetism

Session Chair: Bradley S Meyer, Clemson University, USA

Session Introduction

Title: Fadeev-Jackiw quantization of non-autonomous singular systems
Hervé Mohrbach, Université de Lorraine, France
Title: Direct observation of the strong nuclear interaction in the optical spectra of solids
Vladimir G Plekhanov, Fonoriton Sci. Lab, Estonia
Title: Phase stability in next-generation atomic frequency standards
D A Howe, University of Colorado, USA
Title: Two problems
Inozemtsev Vladimir Ivanovich, Joint Institute for Nuclear Research, Russia

Lunch Break

Title: Relativistic heavy-ion collisions and relics from the early Universe
Ahmed M Hamed, University of Mississippi, USA
Title: Results from ARGO-YBJ
Michele Iacovacci, University of Naples Federico II, Italy
Title: Possible dark matter bosons resulted from a cold genesis theory of particles and a preonic quasi-crystal model of quarks
Marius Arghirescu, State Office for Inventions and Trademarks, Romania
Title: Search for a heavy Higgs and probing the CP for the light Higgs at the LHC and future e^+e^- colliders
Xin Chen, Tsinghua University, China

Networking and Refreshments Break

Title: A generator using a tube of longitudinal accelerating open vortices nested one inside the other for positive feedback
Valentina Markova, Bulgarian Academy of Sciences, Bulgaria
Title: Laser-nucleus reactions at the upcoming extreme light infrastructure
Adriana Palffy, Max Planck Institute for Nuclear Physics, Germany
Title: The relativistic hydrogen atom with magnetic monopole on the nucleus
Alison M Brennan, Cavendish Laboratory - University of Cambridge, UK

Video Presentations

Title: Analogue of asymptotic freedom in warm dense matter
W J Nellis, Harvard University, USA
Title: Assessment of diamagnetic antimatter storage for fueling the deep space relativistic rockets
Oleg G Semyonov, State University of New York at Stony Brook, USA
Title: Hydrodynamics of the physical vacuum: Vorticity dynamics
Valeriy I Sbitnev, NRC Kurchatov Institute, Russia
Title: Negative time scales in quantum systems
P Singha Deo, S N Bose National Centre for Basic Sciences, India

Panel Discussion

Closing Ceremony @ 18:35-18:45



Bookmark your dates

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