The Abdus Salam International Centre for Theoretical Physics
Physics Without Frontiers

IAEA International Atomic Energy Agency

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Physics Latam
ADVANCED LECTURES ON THEORETICAL PHYSICS & MATHEMATICS

Physics LATAM

Advanced Lectures on Theoretical Physics & Mathematics

ICTP Physics Without Frontiers

Daniel Galviz
(Yau Mathematical Science Center, Tsinghua University)

Social media:
@PhysicsLatam
@PhysicsLatam
facebook.com/PhysicsLatam
youtube.com/@PhysicsLatam
physicslatam.com/mailing-list

PL PHYSICS LATAM

PHYSICS LATAM

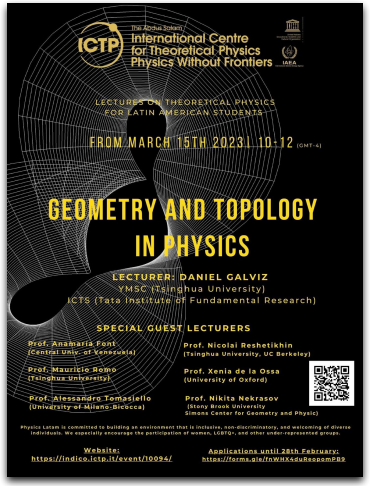
Physics LATAM is a non-profit project founded by Danie Galviz in 2022 with support from the ICTP - Physics Without Frontiers, aimed at promoting the education and research of theoretical physics and mathematics in ~~Latin America~~ developing countries.

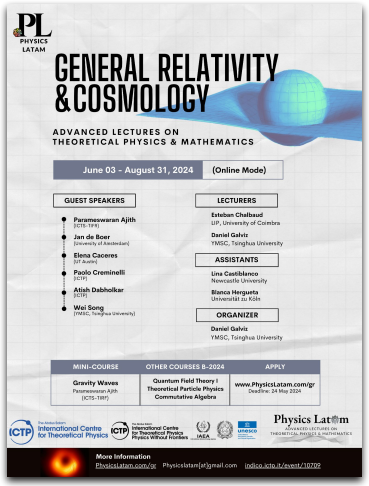
It provides online advanced lectures, workshops, seminars, and online resources to students and researchers facing socioeconomic barriers to accessing quality education.

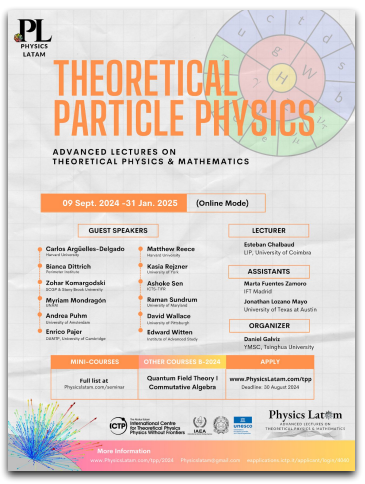
The project aims to build a strong and diverse network of physicists and mathematicians around ~~Latin America~~ the world who can make meaningful contributions to the advancement of science worldwide.

Overview

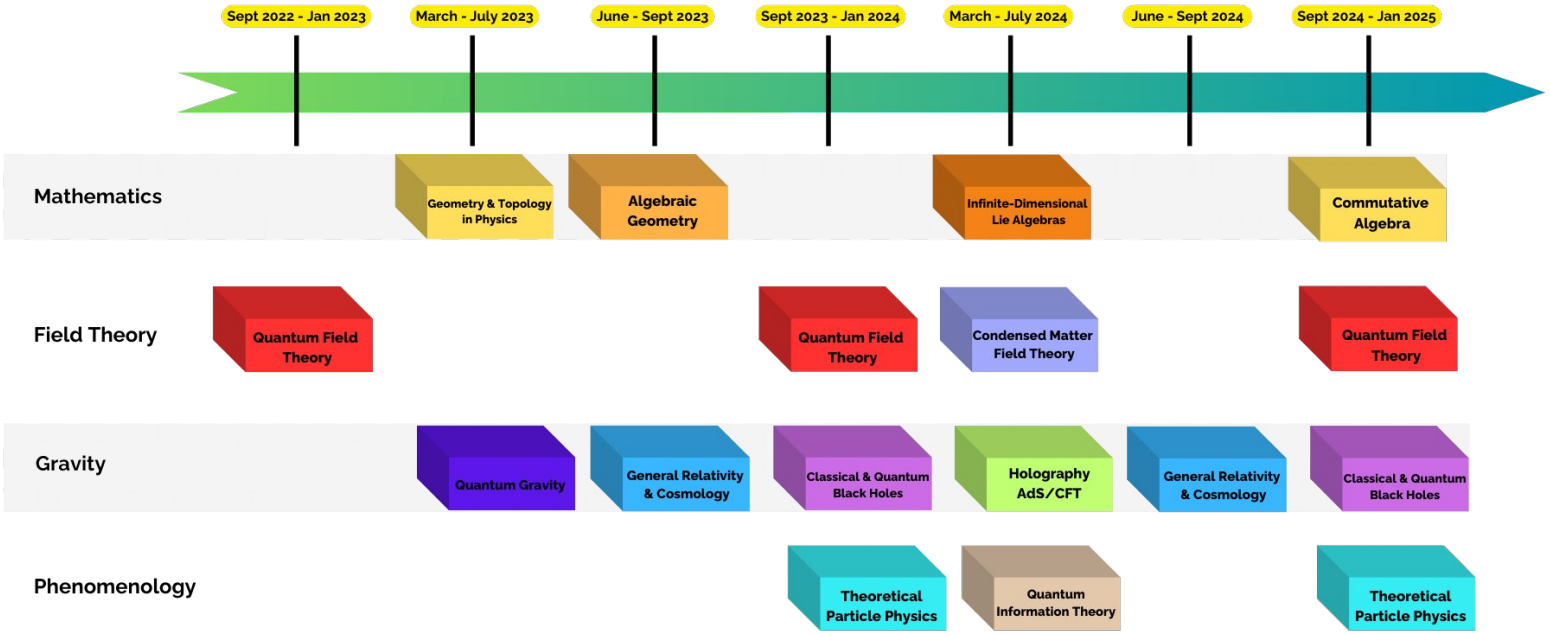
- Courses and mini courses on Theoretical Physics & Math.
- Students from across Latin America & developing countries!
- Mini-course led by professors.
- All activities are conducted online.
- We strive for gender balance in all our activities!
- Lectures and seminars are available in Spanish or English.
- Every course has assignments, seminars and a final exam.
- **Reach over 700+ students!**





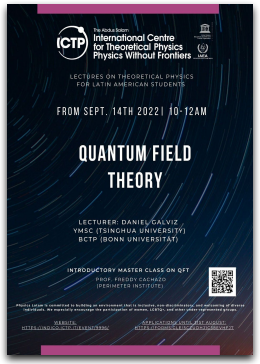


Physics Latam



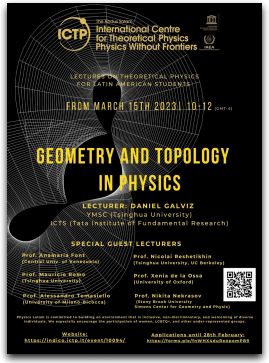
PL
PHYSICS
LATAM

Past courses 2022, 2023 and 2024



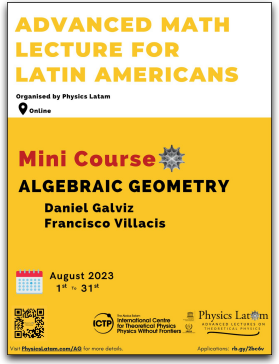
30 Students

30 Students



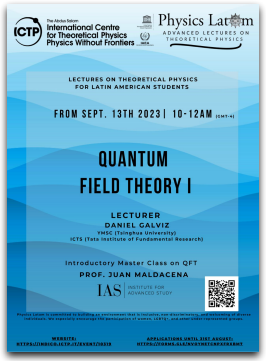
40 Students

60 Students

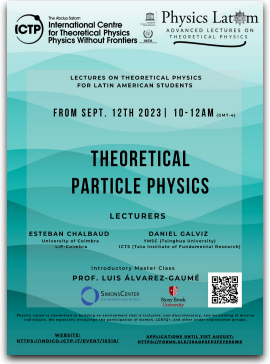


30 Students

20 Students

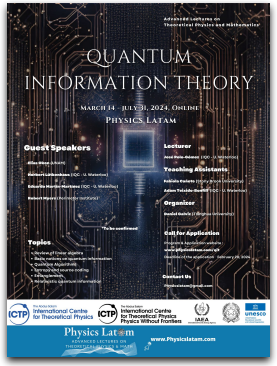


60 Students



40 Students

20 Students



40 students

20 Students

30 Students

Students cannot take more than one course at a time.

Volunteers in 2024

- Lecturers: 9
- Teaching Assistants: 15
- Project Assistants: 2

Physics Latam
ADVANCED LECTURES ON
THEORETICAL PHYSICS & MATHEMATICS

Daniel Galviz
YMSC (Tsinghua University, CN)
ICTS (Tata Institute of Fundamental Research, IN)
Contributions
Founder and Lecturer

Esteban Chalbaud
LIP-Coimbra
(University of Coimbra, PT)
Contributions
Lecturer for Theoretical Particle Physics 2023/2024
Co-organizer of Physics @Night Seminars
Lecturer for General Relativity & Cosmology 2023/2024

Ruben Campos
ITP-Leibniz Universität Hannover
Contributions
Lecturer for Back Holes mini-course 2023/2024
Lecturer for Quantum Gravity 2023
TA for Quantum Field Theory 2022

Jiaxi Cao (Jesse)
(University of Cambridge, UK)
Contributions
Co-organizer of Math & HEP Seminars

Mateo Moreno
(University of Cologne, DE)
Contributions
Lecturer for Condensed Matter Field Theory 2024

José Polo-Gómez
AMATH Dept. & IQC (U. of Waterloo, CA)
(Perimeter Institute, CA)
Contributions
Lecturer for Quantum Information Theory 2024

Sebastian Schlegel
(Max Planck for Mathematics, DE)
Contributions
Lecturer for Infinitesimal-dimensional Lie algebras 2024

Robinson Mancilla
(UC, Santa Barbara, USA)
Contributions
Lecturer for Gauge/Gravity Duality 2024

Aitor Iribar Lopez
(ETH Zürich, CH)
Contributions
Lecturer for Commutative Algbera course 2024

Santiago Agüí
(DAMTP, University of Cambridge
Contributions
Lecturer for Quantum Field Theory course 2024

María Preciado
(IQC - U. Waterloo, CA)
Contributions
TA for Quantum Information Theory 2024

Miroslava Mosso
(Johannes Gutenberg University of Mainz, DE)
Contributions
Organizer of Conference for Women in Physics 2024
TA for Geometry and Topology in Physics 2023

Christian Forero
(SISSA)
Contributions
TA for Commutative Algebra course 2024

Isai Davila
(SISSA)
Contributions
TA for Quantum Field Theory course 2024

Gonzalo Villa
(DAMTP, University of Cambridge)
Contributions
TA for Quantum Field Theory course 2024

Marta Fuentes
IFT Madrid
Contributions
TA for Theoretical Particle Physics course 2024

Fabiola Cañete
(Stony Brook University, USA)
Contributions
TA for Quantum Information Theory 2024
Organizer of Conference for Women in Physics 2024

Jonathan Lozano
University of Texas at Austin
Contributions
TA for Theoretical Particle Physics course 2024

Sergio Aguilar
(KU Leuven)
Contributions
TA for Gauge/Gravity Duality 2024

Martí Berenguer
(Universidad de Santiago de Compostela)
Contributions
TA for Gauge/Gravity Duality 2024

Daniel Bermudez
(HCM- University of Bonn)
Contributions
TA for Infinite-dimensional Lie Algebra 2024

Blanca Hergueta
(Universität zu Köln)
Contributions
TA for General Relativity & Cosmology 2024

Lina Castiblanco
(Newcastle University)
Contributions
TA for General Relativity & Cosmology 2024

Ronald Cortes
(SISSA, IT)
Contributions
TA for Condensed Matter Field Theory 2024

Weyner Ccuiro
(SISSA, IT)
Contributions
TA for Condensed Matter Field Theory 2024

See the full list at
physicslatam.com/about

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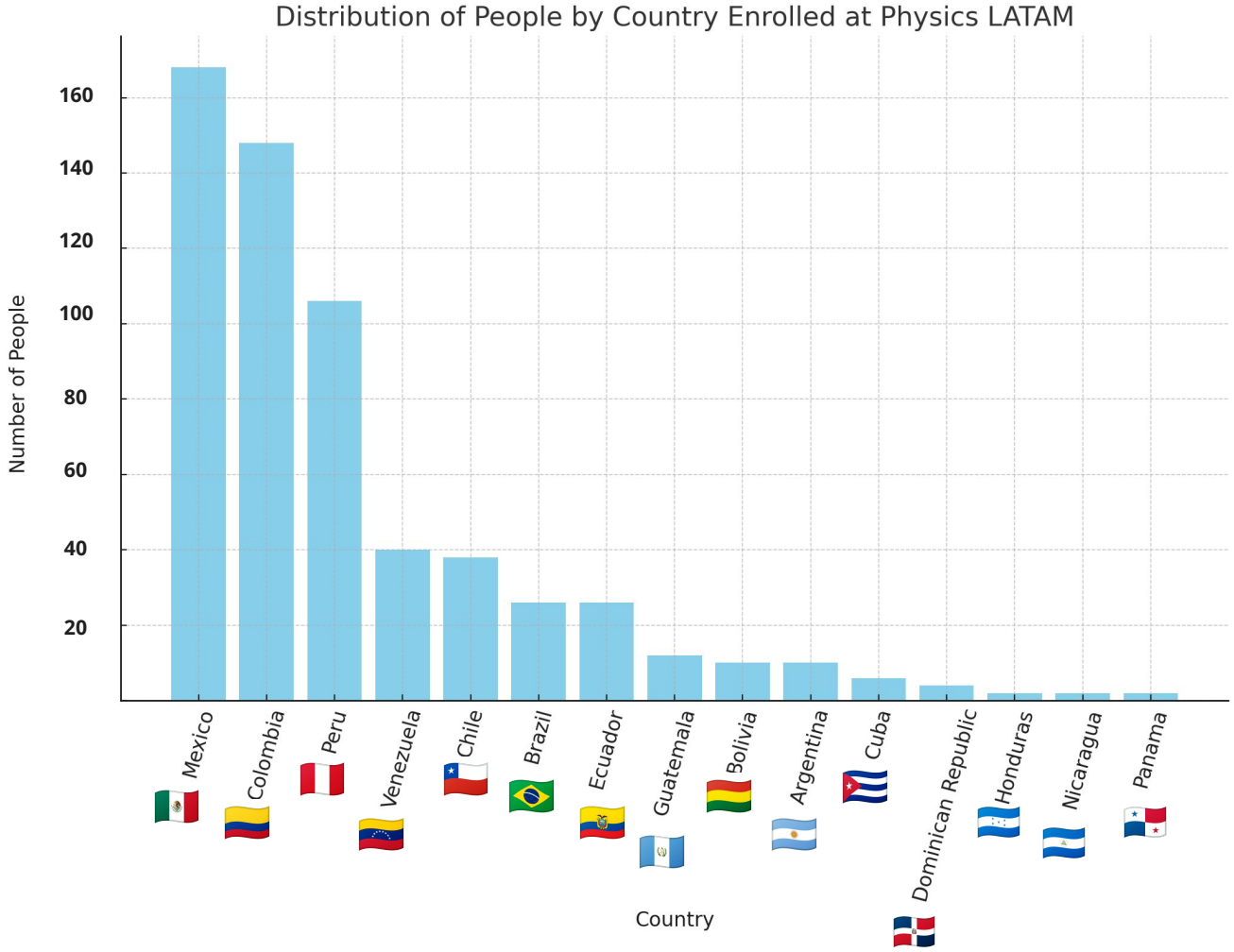

PHYSICS LATAM

GAUGE / GRAVITY DUALITY 2024

ADVANCED LECTURES ON
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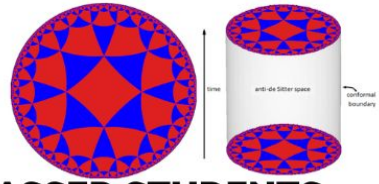

SUCCESSFULLY PASSED STUDENTS

Felipe Agurto (Universidad de Concepción, CL)

Axel León Arteaga (Universidad Nacional de Trujillo, PE)

Juan Diego Garro (Universidad de Antioquia, CO)

Juan Guzman (Universidad Nacional de Colombia, CO)

Allan Hurtado (University of San Carlos of Guatemala, GT)

Félix Ibarra Castor (Universidad Autónoma de Zacatecas, MX)

Osmar Lopez Perez (UNAM , MX)

Juan Mejia Picon (CINVESTAV, MX)

Jhon Moreno Triana (Universidad Nacional de Colombia, CO)

Diego Partida (Universidad Autónoma de Nuevo León , MX)

Daniel Perdomo (Universidad de La Habana , CU)

Ivan Pérez Castro (Cinvestav-IPN, MX)

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ADVANCED LECTURES ON
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Cielo Estela Ramirez (Universidad de Concepción, CL)

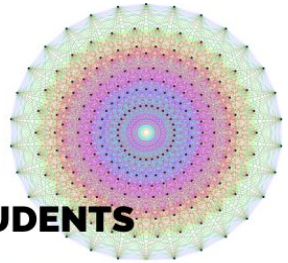
Steven Sanchez Perlaza (The University of Valle, CO)

Juan Santos Suárez (Universidad de Santiago de Compostela,)

Gustavo Tapia (Universidad Nacional de Trujillo, PE)

INFINITE-DIMENSIONAL LIE ALGEBRAS 2024

ADVANCED LECTURES ON
THEORETICAL PHYSICS & MATHEMATICS

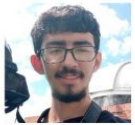


SUCCESSFULLY PASSED STUDENTS

Uriel Aguilar (UAM-Azcapotzalco, MX)

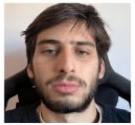
Juan Chica (Escuela Politécnica Nacional, EC)

Elkin Eraso (Universidad Nacional de Colombia, CO)



Andrés Guarin (Universidad Industrial de Santander, CO)

Nicolás Hernández (Universidad Industrial de Santander, CO)



Gabriel Jalil (Universidad Nacional del Sur, AR)

Cristian López (Universidad Nacional de Colombia, CO)

Isaac Mendez (Universidad Autónoma del Estado de Mexico, MX)

Angie Milena (Universidad Industrial de Santander, CO)

Jaqueline Muñoz (Universidad Autónoma del estado de Hidalgo , MX)

Jheny Rodriguez (Universidad Nacional de Colombia, CO)

Rubén Túquerrez (Escuela Politécnica Nacional, EC)

CONDENSED MATTER FIELD THEORY 2024

ADVANCED LECTURES ON
THEORETICAL PHYSICS & MATHEMATICS

SUCCESSFULLY PASSED STUDENTS

Luis Ávalos
(Cinvestav, MX)

Esteban Marulanda
(Universidad de Antioquia, CO)

Juan Morales
(ICTP, IT)

Siddhartha Morales
(IFT-UNESP, BR)

Jorge Pérez
(Cinvestav, MX)

Julián Villarreal
(Universidad Nacional del Sur, AR)

Luis Vargas
(CINVESTAV-IPN, MX)

Cristian Zambrano
(Universidad de Pamplona, CO)

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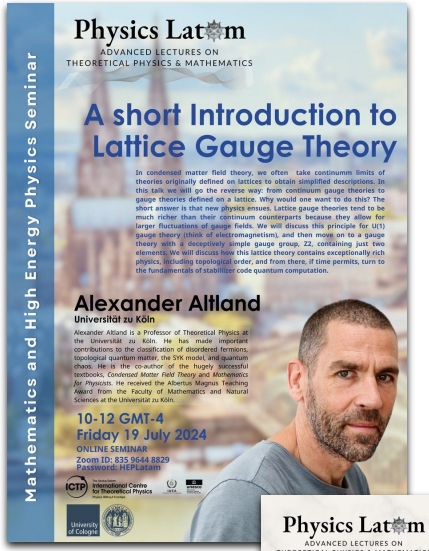
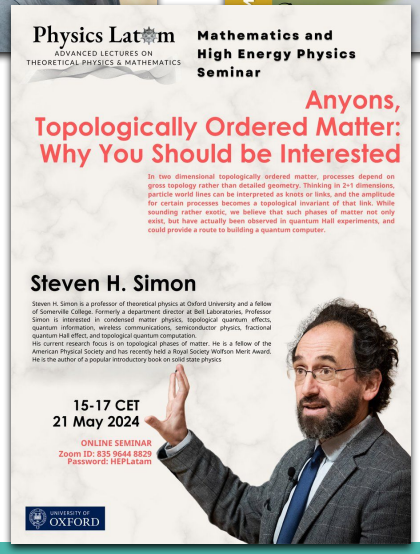
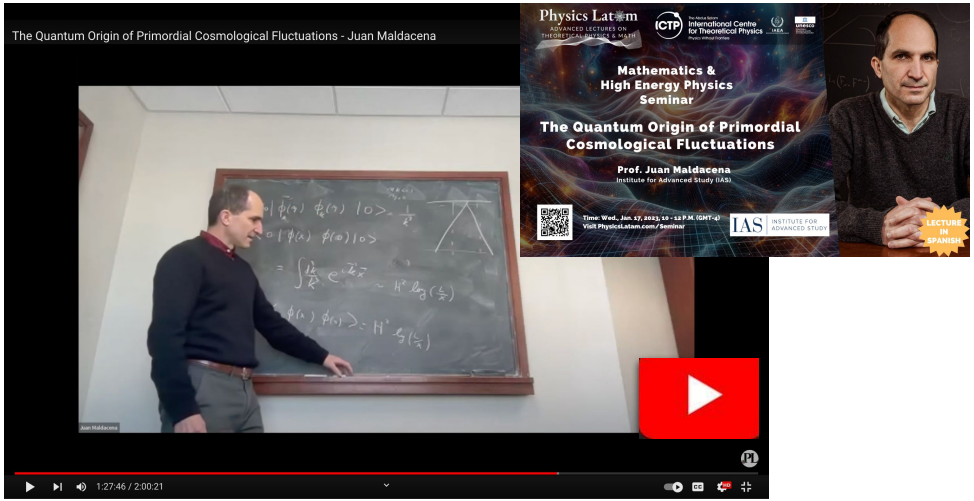
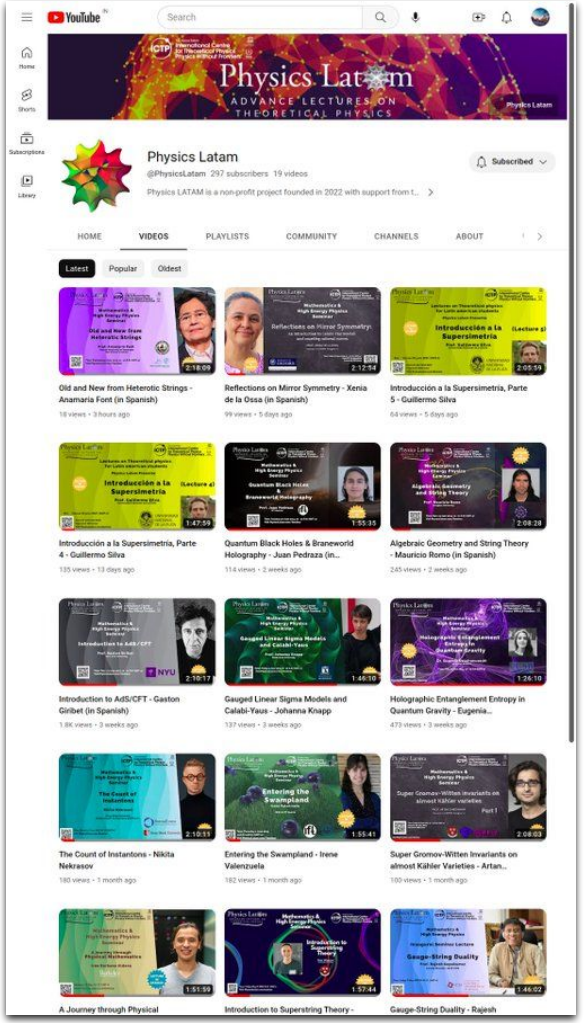




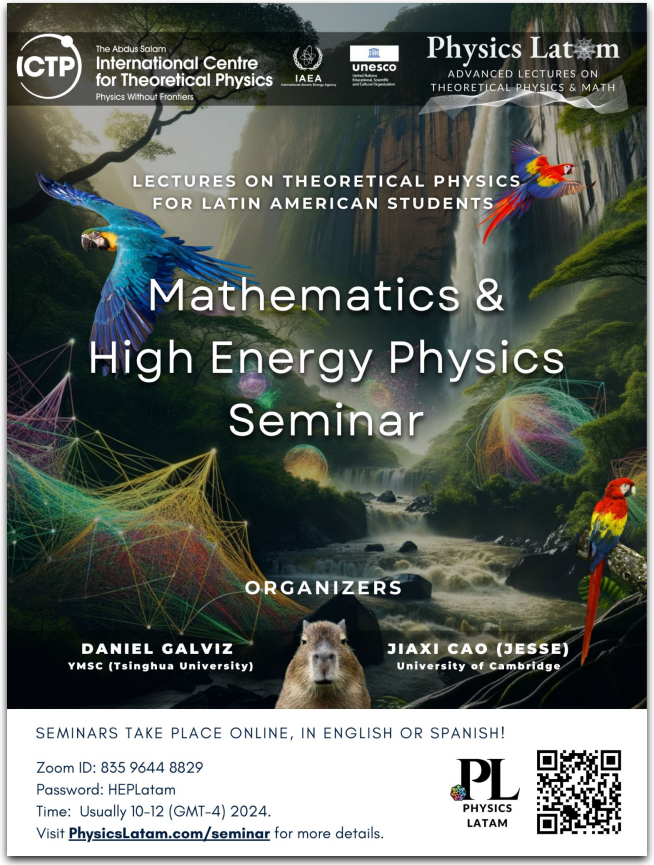
Seminars, seminars and more seminars!

all at our Youtube channel! @PhysicsLatam



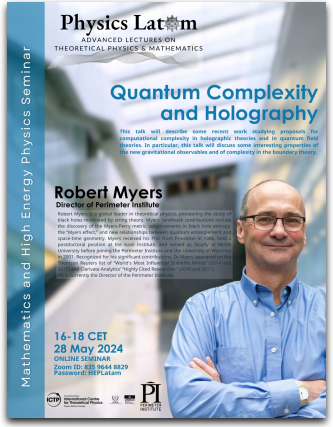


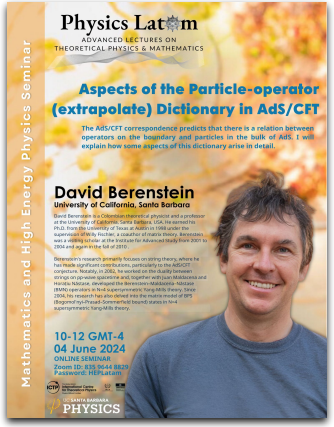
Seminar Series 2024

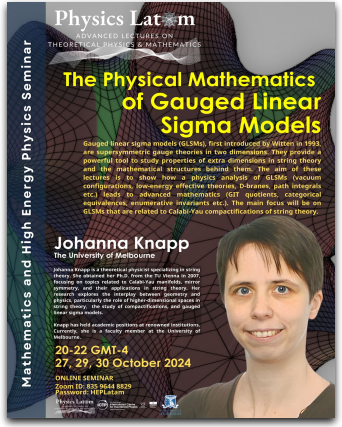


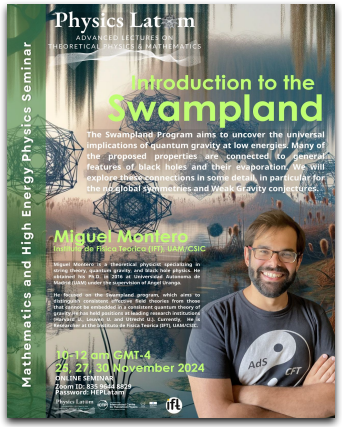

Physics Latam
Mathematics & High Energy Physics Seminar
Inaugural Seminar Lecture
Gauge-String Duality
Prof. Rajesh Gopakumar
Centre Director, ICTS-TIFR
Lectures on Theoretical physics for Latin american students
Physics Latam Presenta:
Introducción a la Supersimetria
Prof. Guillermo Silva
Universidad Nacional de La Plata
Mathematics & High Energy Physics Seminar
A journey through Physical Mathematics
Iván Burbano Aldana
Berkeley
Mathematics & High Energy Physics Seminar
Entering the Swampland
Prof. Irene Valenzuela
CERN & IFT Madrid
Mathematics & High Energy Physics Seminar
The Count of Instantons
Prof. Nikita Nekrasov
Stony Brook University
Simons Center for Geometry and Physics
Mathematics & High Energy Physics Seminar
Gauged linear sigma models and Calabi-Yaus
Prof. Johanna Knapp
Mathematics & High Energy Physics Seminar
Holographic Entanglement Entropy in Quantum Gravity
Dr. Eugenia Colafranceschi
Mathematics & High Energy Physics Seminar
Introduction to AdS/CFT
Prof. Gaston Giribet
New York University
NYU
Mathematics & High Energy Physics Seminar
Algebraic Geometry and String Theory
Prof. Mauricio Romo
Tsinghua University
Mathematics & High Energy Physics Seminar
Quantum Black Holes
Prof. Juan Pedraza
IFT Madrid
Mathematics & High Energy Physics Seminar
Reflections on mirror symmetry:
An introduction to Calabi-Yau moduli and counting rational curves
PROF. XENIA DE LA OSSA
Oxford University
OXFORD
Mathematics & High Energy Physics Seminar
Old and New from Heterotic Strings
Prof. Anamaria Font
Central University of Venezuela
Max-Planck Institute
Mathematics & High Energy Physics Seminar
Physics Latam Presents:
Matrix Models and String Theory
Olga Papadoulaki
Perimeter Institute
PI
Mathematics & High Energy Physics Seminar
Physics Latam Presents:
Toric Geometry for String Theory
Prof. Alessandro Tomasiello
Milano-Bicocca University
BICOCCA
Mathematics & High Energy Physics Seminar
Topological Recursion
Mathematics & High Energy Physics Seminar
Tests of GR with Cosmology
Prof. Lavinia Heisenberg
ETH Zurich
ETH zürich
Mathematics & High Energy Physics Seminar
Essential Algebraic Tools for Algebraic Geometry
DMITRII PIROZHKOV
Steklov Institute of Mathematics
Mathematics & High Energy Physics Seminar
Geometric Langlands correspondence
PROF. DENNIS GAITSGORY
Harvard University
Mathematics & High Energy Physics Seminar
Bordisms and Quantum Gravity
Matilda Delgado
IFT Madrid
ift
Mathematics & High Energy Physics Seminar
Cosmology and String Theory
Prof. Fernando Quevedo
Cambridge University
UNIVERSITY OF CAMBRIDGE
Mathematics & High Energy Physics Seminar
Classification of Conformal Field Theory in Two Dimensions
Prof. Sunil Mukhi
IISER PUNE & ICTS-TIFR
Physics Latam presents :
GENERAL RELATIVITY AND COSMOLOGY
Black Holes
Prof. Alejandra Castro
University of Cambridge
UNIVERSITY OF CAMBRIDGE
Mathematics & High Energy Physics Seminar
Spec and Proj
PROF. RICHARD THOMAS
Imperial College London
Imperial College London
Mathematics & High Energy Physics Seminar
Enumerative Geometry: Gromov-Witten Theory and String Theory
Daniel Galviz
YMSC, Tsinghua University
ICTS-TIFR
Mathematics & High Energy Physics Seminar
Algebraic Geometry of Kähler Varieties
PROF. DANIEL HUYBRECHTS
Bonn University
Mathematics & High Energy Physics Seminar
Super Gromov-Witten invariants on almost Kähler varieties
PROF. ARTAN SHESHMANI
Part 2
Harvard U. & IPMSA Tsinghua U.
Mathematics & High Energy Physics Seminar
Hilbert schemes of points on surfaces
Lothar Göttsche
ICTP
Mathematics & High Energy Physics Seminar
Algebraic geometry and Vafa-Witten theory
PROF. MARTIJN KOOL
Utrecht University
Utrecht University
Mathematics & High Energy Physics Seminar
Variations of Hodge structures and Geometric Applications
PROF. CLAIRE VOISIN
IMJ-Paris-Rive Gauche
Mathematics & High Energy Physics Seminar
Gopakumar-Vafa type invariants of Calabi-Yau 4-folds
YALONG CAO
RIKEN Institute
iTHEMS
Mathematics & High Energy Physics Seminar
Geometry of Landau-Ginzburg models and Homological Mirror symmetry
DR. CATHERINE CANNIZZO
UC Berkeley
Berkeley
Mathematics & High Energy Physics Seminar
The notion of space in Grothendieck:
From schemes to the geometry of forms
ALEXANDER CRUZ
UNAL
Mathematics & High Energy Physics Seminar
Scattering Amplitudes: Polylogarithms and Beyond
Matt von Hippel
CEA Paris-Saclay
Mathematics & High Energy Physics Seminar
Moduli spaces in Quantum Field Theory and String Theory
PRANAV PANDIT
ICTS-TIFR
Mathematics & High Energy Physics Seminar
Quantum Geometric and algebraic aspects of supersymmetric Gauge theory
Yuto Kimura
Ibaraguna University
UB
Mathematics & High Energy Physics Seminar
Spectral networks and skein modules
Sunghyuk Park
Harvard U.
Mathematics & High Energy Physics Seminar
Axiomatic Quantum Field Theories
PROF. IVÁN CONTRERAS
Amherst College
Amherst College
Mathematics & High Energy Physics Seminar
Emergence of Spacetime
Prof. Thomas Hartman
Cornell University
Mathematics & High Energy Physics Seminar
Baryogenesis:
The Generation of the Matter-Antimatter Asymmetry in the Universe
Valerie Domcke
CERN
Mathematics & High Energy Physics Seminar
Generalized Symmetries in QFT
Prof. Thomas Dumitrescu
UCLA
LECTURE IN ENGLISH
LECTURE IN SPANISH

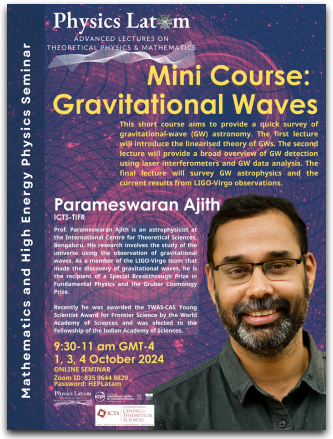
Some Recent Lectures & Minicourses !!

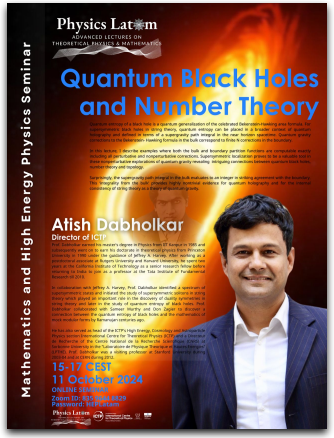


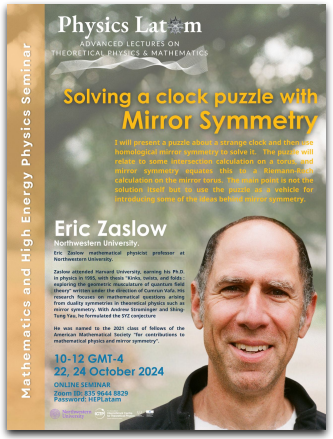




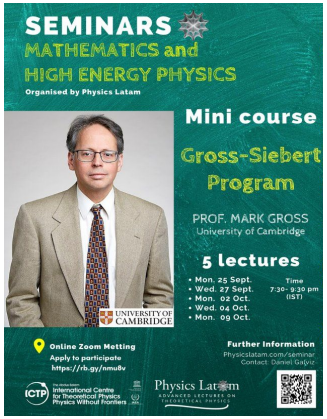


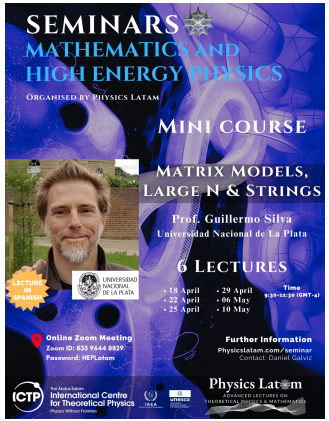


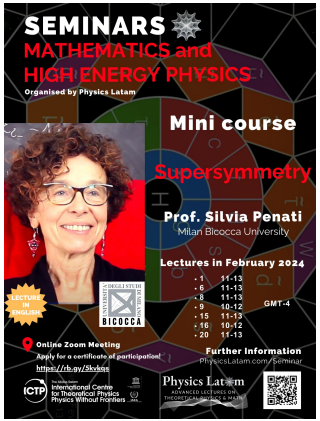


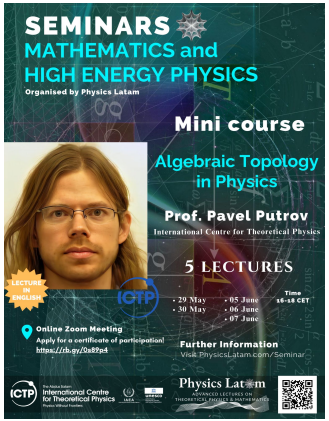


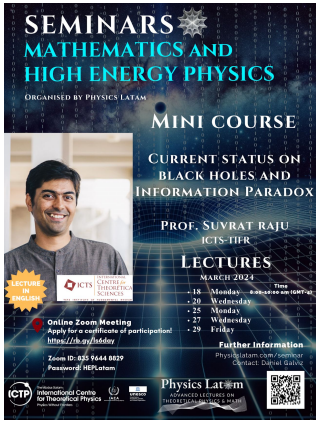
Past and future mini courses !!

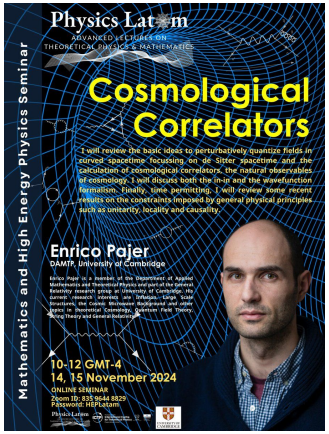


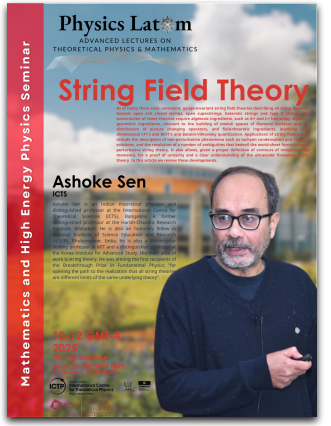


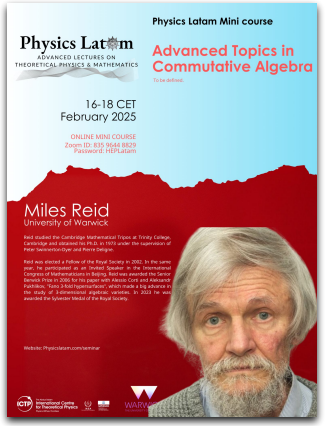




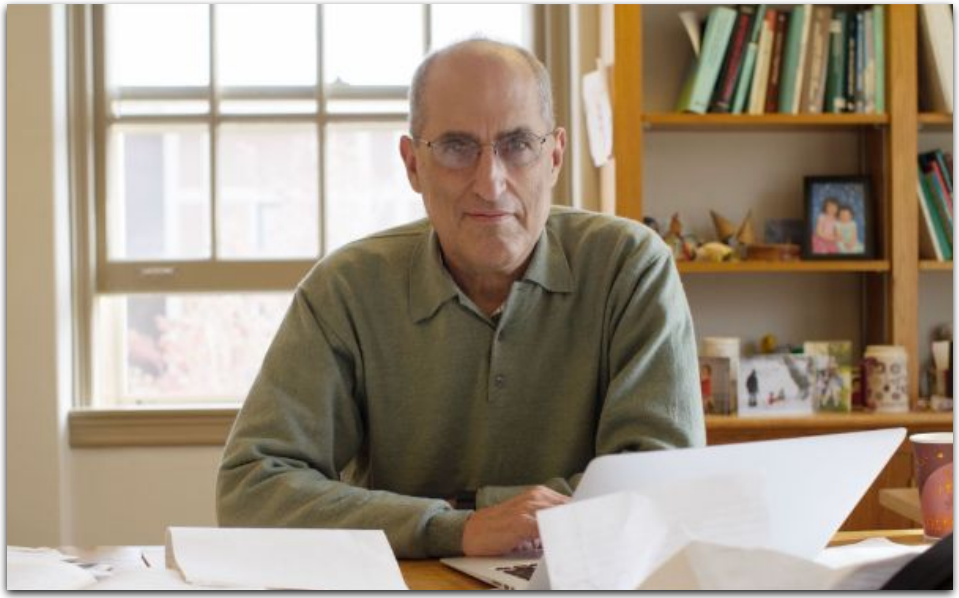








Inaugural seminar January 2025

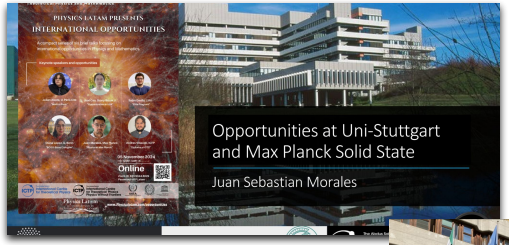


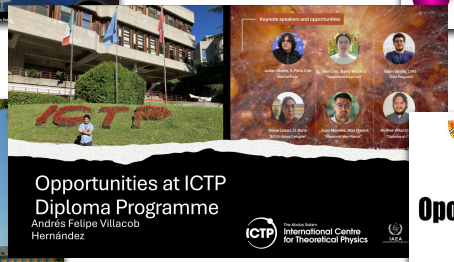
Edward Witten

Institute of Advanced Study (IAS)

Full schedule: PhysicsLatam.com/seminar

Promoting academic opportunities





Opportunities in USA

Physicslatam.com/opportunities

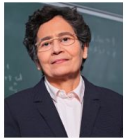
Our first online conference for Women in Theoretical Physics and Mathematics From Latam!

PLENARY TALKS

Nana Cabo Bizet
(University of Guanajuato, MX)
Quantum Field Theory

Alejandra Castro
(University of Cambridge, UK)
Gravitation

Carmen Nuñez
(University of Buenos Aires, AR)
Supergravity



Anamaría Font
(Max-Planck-Institut für Gravitationsphysik, DE)
String Theory

Marta Losada
(NYU Abu Dhabi, AE)
Cosmology & Particles

Ana Maria Rey
(University of Colorado Boulder, USA)
Topological Quantum Matter

Melissa Maldonado
(Pontifical Catholic University of Chile, CL)
AMO Physics

Myriam Mondragón Ceballos
(Universidad Nacional Autónoma de México, M
Particle Physics

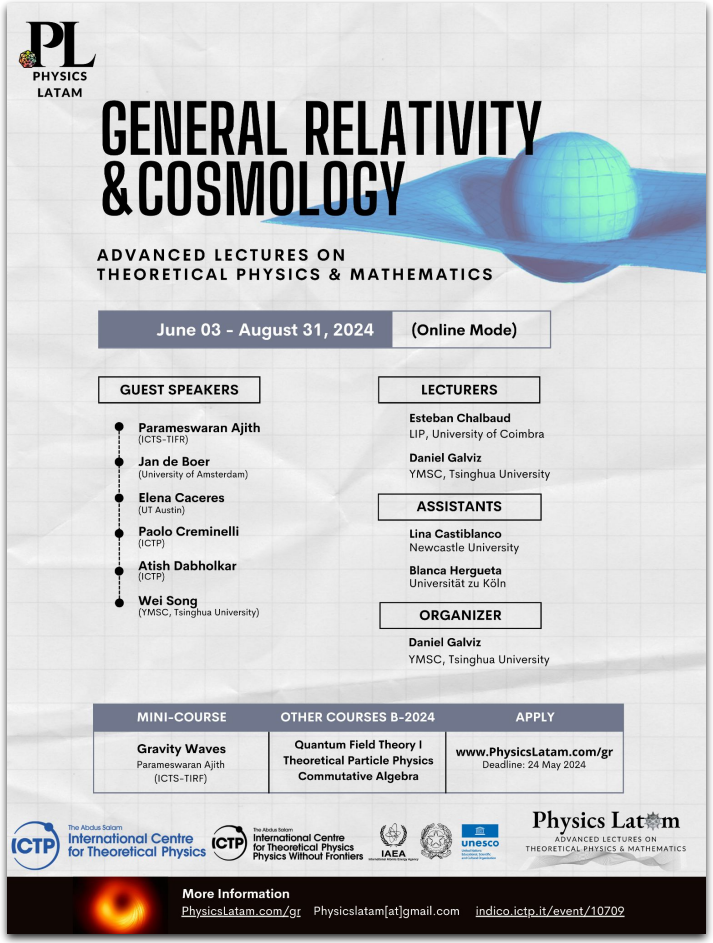
PUBLIC TALK

Ivette Fuentes
(University of Southampton, UK)

"Technologies in the Future of Theoretical Physics"

Students applied to give a contributed talk!

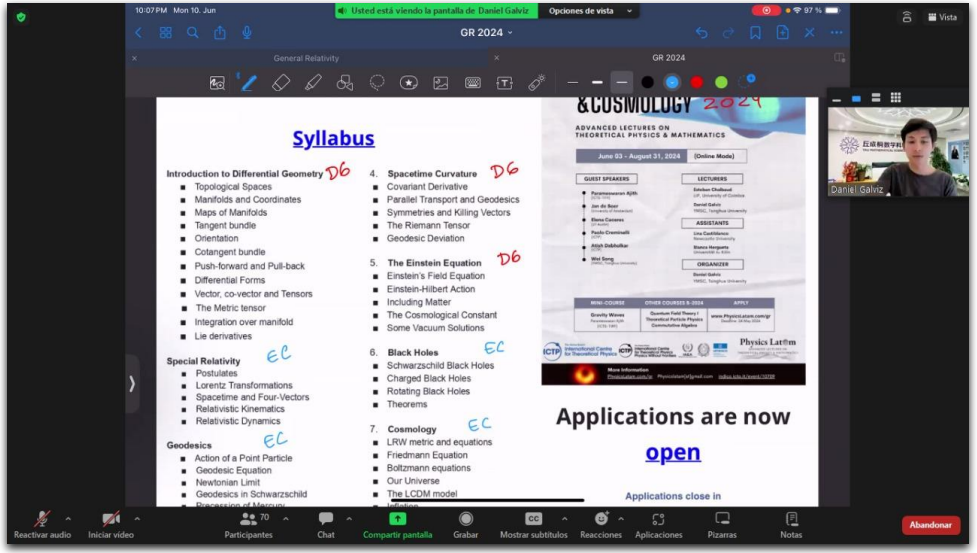
Physicslatam.com/women



Physics Latam
ADVANCED LECTURES ON
THEORETICAL PHYSICS & MATHEMATICS

Summer course 2024

80 Students enrolled



GENERAL RELATIVITY & COSMOLOGY 2024

ADVANCED LECTURES ON THEORETICAL PHYSICS & MATHEMATICS

SUCCESSFULLY PASSED STUDENTS

Uriel Aguilar
(Universidad Autónoma Metropolitana, MX)

Angel Almonacid
(Universidad Nacional de Colombia, CO)

Juan Aranda
(Universidad Nacional de Colombia, CO)

Facundo Arreyes
(Universidad Nacional del Sur, AR)

Johan Ávila
(Universidad Distrital Francisco José de Caldas, CO)

Ricardo Ballon
(Universidad Nacional de San Agustín de Arequipa, PE)

Edy Flores
(Tecnológico de Monterrey, MX)

Manuel Garcia
(Universidad Nacional de Colombia, CO)

Andres Gomez
(Universidad de Antioquia, CO)

Julián Gómez
(Universidad Surcolombiana, CO)

Arian Gorza
(Universidad Nacional del Sur, AR)

Nicolas Hernandez
(Universidad Industrial de Santander, CO)

Luis Baracaldo
(Universidad Nacional de Colombia, CO)

Juan Beltran
(Universidad Nacional de Colombia, CO)

Francisco Campos
(Universidad Autonoma Metropolitan, MX)

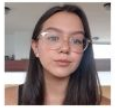
Diego Cancelado
(Universidad Pedagógica y Tecnológica de Colombia , CO)

Enrique Casanova
(Universidad Autónoma de Santo Domingo, R. DO)

Dyer Cardenas
(Pontificia Universidad Católica del Perú, PE)

Alessandro Huaman
(Pontificia Universidad Católica del Perú, PE)

Gabriel Jalil
(Universidad Nacional del Sur, AR)



Sofia Londoño
(Universidad Nacional de Colombia, CO)

Juan Maldonado
(Universidad Veracruzana , MX)

Kelman Marín
(Universidad Nacional de Trujillo, PE)

Esteban Marulanda
(Universidad de Antioquia, CO)

Saúl Castillo
(Universidad Autónoma de Santo Domingo, R.DO)

Geraldine Castro
(Universidad Distrital Francisco José de Caldas, CO)

Ingrid Cuevas Ruiz
(Universidad Distrital Francisco José de Caldas, CO)

Julian Estupiña
(Universidad Nacional de Colombia, CO)

Fabian Fiallo
(Universidad de La Habana, CU)

Andrés José Flores
(Universidad de Los Andes, VE)

Erandi Navarro
(Universidad Veracruzana , MX)

Gabriel Ortega
(Universidad de Concepción, CL)

James Peñafiel
(Universidad San Francisco de Quito, EC)

Juan David Plazas
(Universidad Surcolombiana, CO)

Jheny Rodriguez
(Universidad Nacional de Colombia, CO)

Daniel Rodriguez
(Universidad Central de Venezuela, VE)

José Miguel Rojas
(Universidad Autónoma de Santo Domingo, R.DO)

Patricia Rosales
(Universidad Central de Venezuela, VE)

Angie Sanchez
(Universidad Industrial de Santander, CO)

Juan Salgado
(Universidad Nacional de Colombia, CO)

Tomas Sosa Giraldo
(Universidad de Antioquia, CO)

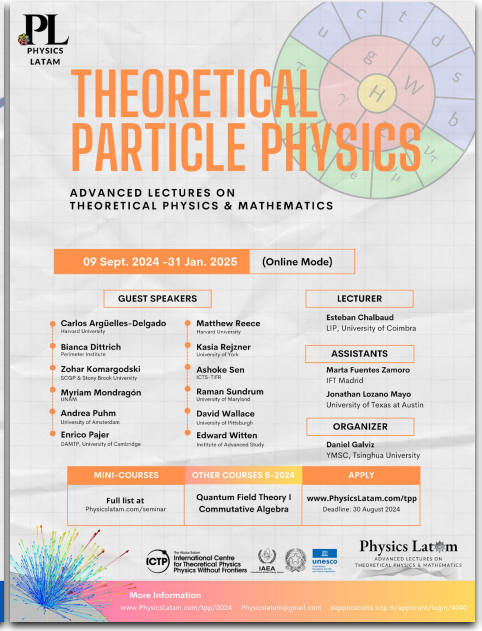
Javier Soto
(Universidad Autónoma de Nuevo León, MX)

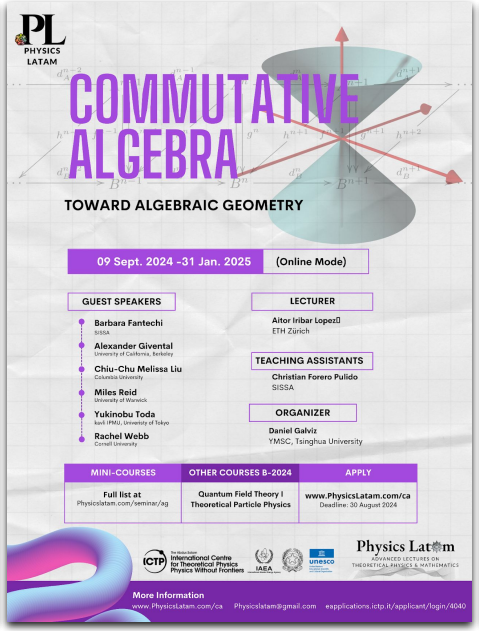
Daniel Tinoco
(Universidad Nacional de Colombia, CO)

Sergio Vargas
(Universidad Nacional de Colombia, CO)

Jordan Zambrano
(Yachay Tech University, EC)

Current courses B2024





Students cannot take more than <u>one</u> course at a time.

Students at Physics Latam going to ICTP

2023

- Quantum Field Theory course
  - Salim Davila @ICTP-Diploma HECAP
  - Jonathan Pineda @ICTP Diploma CMP
- Quantum Gravity course
  - Juan Sebastian Morales @ICTP-Diploma CMP
- Algebraic Geometry course
  - Julian Alzate @ICTP-Diploma MTH
- General Relativity course
  - Carlos Desa @ICTP-Diploma CMP

2024

- Quantum Field Theory course
  - Gomez Cruz Nicolas @ICTP-Diploma HECAP
- Theoretical Particle Physics course
  - Jimmy Leonardo Ventocilla @ICTP-Diploma HECAP
- General Relativity course
  - Aline Pereyra Flores @ICTP-Diploma HECAP
- Women in Theoretical Physics speaker, contributed talk
  - Mikaela Carrasco Hidalgo @ICTP-Diploma HECAP

In 2023, 6 Latin American students were accepted into the ICTP Diploma (HECAP, CMP, MTH).

5 of these students were enrolled @Physics Latam.

In 2024, 4 Latin American students were accepted into the ICTP Diploma for HECAP

All 4 were enrolled @Physics Latam.

To finish we want to thank:

Courses Selection Committee

Bobby Acharya
ICTP

Gerardo Aldazabal
Centro Atómico Bariloche-Instituto Balseiro

Agnese Bissi
ICTP

Juan Pablo Beltran
Universidad Nacional de Colombia

Nana Cabo
University of Guanajuato

Reina Camacho
ATLAS-CERN

Elena Carceres
UT Austin

Anamaria Font
Universidad Central de Venezuela

Daniel Galviz
YMSC, Tsinghua University

Alberto Guijosa
UNAM

Carmen Nuñez
University of Buenos Aires

Leopoldo Pando-Zayas
University of Michigan, Ann Arbor.

Fernando Quevedo
University of Cambridge

Diego Restrepo
Universidad de Antioquia

Carlos Sandoval
Universidad Nacional de Colombia

Kate Shaw
University of Sussex | ICTP

Guillermo Silva
La Plata University

Natasha Stojic
ICTP

Oscar Zapata
Universidad de Antioquia

Jorge Zanelli
Centro de Estudios Cientificos - Valdivia

PL

PHYSICS LATAM

Impossible without the incredible help of our team of volunteers 2024!

PHYSICS LATAM

Daniel Galviz

YMSC (Tsinghua University, CN)
ICTS (Tata Institute of Fundamental Research, IN)

Contributions
Founder and Lecturer

Esteban Chalbaud

LIP-Coimbra
(University of Coimbra, PT)

Contributions
Lecturer for Theoretical Particle Physics 2023/2024
Co-organizer of Physics @Night Seminars
Lecturer for General Relativity & Cosmology 2023/2024

Ruben Campos

ITP-Leibniz Universität Hannover

Contributions
Lecturer for Back Holes mini-course 2023/2024
Lecturer for Quantum Gravity 2023
TA for Quantum Field Theory 2022

Jiaxi Cao (Jesse)

(University of Cambridge, UK)

Contributions
Co-organizer of Math & HEP Seminars

Mateo Moreno

(University of Cologne, DE)

Contributions
Lecturer for Condensed Matter Field Theory 2024

José Polo-Gómez

AMATH Dept. & IQC (U. of Waterloo, CA)
(Perimeter Institute, CA)

Contributions
Lecturer for Quantum Information Theory 2024

Sebastian Schlegel

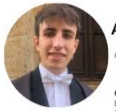
(Max Planck for Mathematics, DE)

Contributions
Lecturer for Infinitesimal-dimensional Lie algebras 2024

Robinson Mancilla

(UC, Santa Barbara, USA)

Contributions
Lecturer for Gauge/Gravity Duality 2024



Aitor Iribar Lopez

(ETH Zürich, CH)

Contributions
Lecturer for Commutative Algbera course 2024

Santiago Agüí

(DAMTP, University of Cambridge

Contributions
Lecturer for Quantum Field Theory course 2024

María Preciado

(QC - U. Waterloo, CA)

Contributions
TA for Quantum Information Theory 2024

Miroslava Mosso

(Johannes Gutenberg University of Mainz, DE)

Contributions
Organizer of Conference for Women in Physics 2024
TA for Geometry and Topology in Physics 2023

Christian Forero

(SISSA)

Contributions
TA for Commutative Algebra course 2024

Isai Davila

(SISSA)

Contributions
TA for Quantum Field Theory course 2024

Gonzalo Villa

(DAMTP, University of Cambridge)

Contributions
TA for Quantum Field Theory course 2024

Marta Fuentes

IFT Madrid

Contributions
TA for Theoretical Particle Physics course 2024

Fabiola Cañete

(Stony Brook University, USA)

Contributions
TA for Quantum Information Theory 2024
Organizer of Conference for Women in Physics 2024

Jonathan Lozano

University of Texas at Austin

Contributions
TA for Theoretical Particle Physics course 2024

Sergio Aguilar

(KU Leuven)

Contributions
TA for Gauge/Gravity Duality 2024

Martí Berenguer

(Universidad de Santiago de Compostela)

Contributions
TA for Gauge/Gravity Duality 2024

Daniel Bermudez

(HCM- University of Bonn)

Contributions
TA for Infinite-dimensional Lie Algebra 2024

Blanca Hergueta

(Universität zu Köln)

Contributions
TA for General Relativity & Cosmology 2024

Lina Castiblanco

(Newcastle University)

Contributions
TA for General Relativity & Cosmology 2024

Ronald Cortes

(SISSA, IT)

Contributions
TA for Condensed Matter Field Theory 2024

Weyner Ccuiro

(SISSA, IT)

Contributions
TA for Condensed Matter Field Theory 2024

Big thanks to all of them!!

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Physics Latam

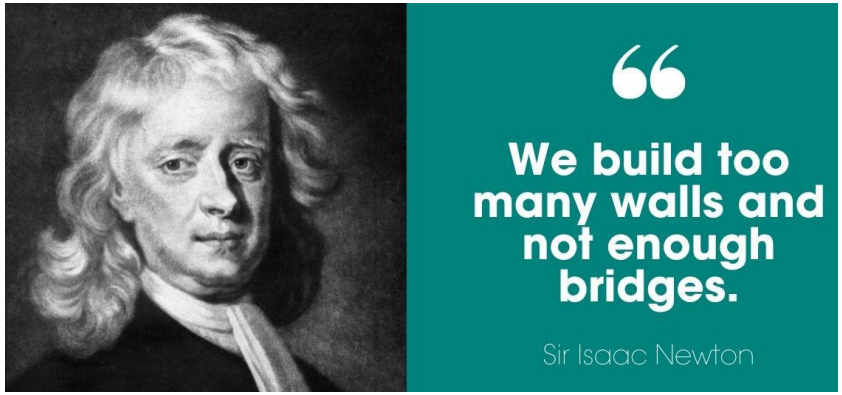
ADVANCED LECTURES ON
THEORETICAL PHYSICS & MATHEMATICS

The Abdus Salam
International Centre
for Theoretical Physics
Physics Without Frontiers

IAEA
International Atomic Energy Agency

unesco
United Nations
Educational, Scientific
and Cultural Organization

Thank you to the ICTP and PWF for bringing physics and mathematics to developing countries and for supporting the other amazing projects today!



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PhD students, postdocs, and professors
are highly encouraged to participate and help us bring advanced and current topics to students in developing countries!