

About

National Conference Theoretical Physics Frontiers (NCTPF) addresses the challenge of pushing the boundaries of our understanding of the fundamental principles governing the universe. It aims to tackle the complexities of quantum mechanics, general relativity, and other theoretical frameworks, seeking to unravel unresolved mysteries such as the nature of dark matter and dark energy, the unification of fundamental forces, the emergence of spacetime, and the ultimate structure of reality. The conference aims to foster collaboration and innovation among researchers to address these profound questions and pave the way for new breakthroughs in theoretical physics.

Objectifs

- Knowledge Exchange: Facilitating the exchange of ideas, research findings, and theoretical frameworks among leading physicists, researchers, and scholars from around the country..
- Exploring Frontiers: Providing a platform to explore the latest advancements and frontiers in theoretical physics, including emerging theories, novel methodologies, and groundbreaking discoveries.
- Addressing Challenges: Identifying and addressing key challenges and open questions in theoretical physics, fostering discussions on unresolved issues, and proposing new avenues for research.
- Fostering Collaboration: Promoting collaboration and interdisciplinary interactions among physicists, mathematicians, computer scientists, and other relevant disciplines to tackle complex theoretical problems.
- Promoting Diversity and Inclusion: Encouraging participation from researchers of diverse backgrounds, perspectives, and career stages to foster a vibrant and inclusive scientific community.
- Inspiration and Motivation: Inspiring attendees with keynote presentations, panel discussions, and talks from renowned experts to ignite curiosity, creativity, and passion for theoretical physics research.
- Dissemination of Knowledge: Providing a platform for the dissemination of research findings through presentations, posters, and publications, ensuring that the latest developments in theoretical physics reach a wide audience.

Concerned categories

- Teacher-researchers, Researchers, Independent researchers
- Doctoral students, Post-docs

Hybrid Event

Department of Physics and Chemistry ,
Laboratory of Physical Chemistry and Biology
of Materials (LPCBM)

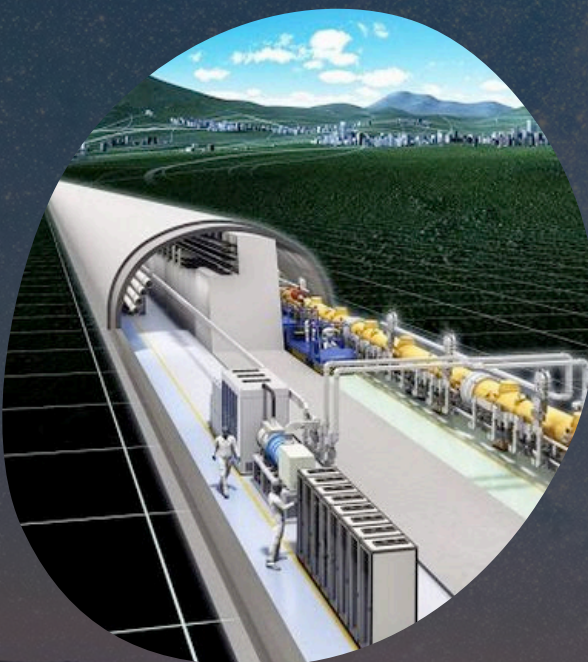
HIGHER SCHOOL OF TECHNOLOGICAL
EDUCATION - ENSET SKIKDA

Honorary President

Dr. BOUDJAADAR Djamel
(Director of the School)

Conference Chair

Doctor FISILI Mohamed



Ministry of Higher Education and
Scientific Research



ENSET-SKIKDA,
ALGERIA



The 1st National Conference
on Theoretical Physics
Frontiers

Look beyond the sky

**OCTOBER
21-22, 2024**

CONTACT US

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🌐 <http://nctpf.enset-skikda.dz/>

IMPORTANT DATES

- Jun 25, 2024: Call for papers
- August 25, 2024: Submission deadline
- September 15, 2024: Notification
- October 01, 2024: Camera ready
- October 21-22, 2024: NCTPF-2024

Topics

- Quantum Gravity
- Unified Theories
- Dark Matter and Dark Energy
- Quantum Information and Quantum Computing
- Quantum Field Theory and Particle Physics
- High Energy Physics
- Condensed Matter Theory
- Quantum Simulation and Many-Body Physics
- Quantum Foundations and Interpretations
- Gravitational Waves
- Astrophysics
- Astroparticle Physics
- Computational Physics
- Mathematical Physics
- Statistical Physics

These topics cover a broad range of cutting-edge research areas in theoretical physics, highlighting both current frontiers and ongoing challenges in the field.

Scientific Committee

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- Pr DELENDAYazid, University of Batna
- Dr BOUSHAREB Aidel, University of Annaba
- Pr HAOUAT Salah, University of Jijel
- Dr GHAZEL Fathi, ENSET-Skikda
- Dr MESKALDJIL Samir, ENSET-Skikda
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- Pr AOUACHRIA Mekki, University of Batna
- Pr AISSAOUI Habib, University of Constantine
- Dr BOUHALLOUF Habiba, University of Constantine
- Pr. SALMI Mohamed, University of M'Sila
- Dr. MEDJEDEL Soheyb, , University of M'Sila
- Dr. HESSAINIA Amara, University of Annaba

Keynote Speakers

- Pr BOULDJEDRI Abdelhamid, University Batna
- Pr DELENDAYazid, University Batna
- Pr BOUSHAREB Adel, University Annaba
- Pr HAOUAT Salah, University Jijel

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- Ms MELIANI Fayza, ENSET-Skikda
- Ms SAIFI Ilhem, ENSET-Skikda

Participation fee

Category	Fee
Students	3000 DA
Teachers/researchers	6000 DA

Submission

Please send your papers electronically in PDF format to the NCTPF-2024 email box:
✉ nctpf@enset-skikda.dz