

LACCEI 2026, SANTIAGO DE CHILE



With great enthusiasm, we announce that the **24th edition of the International Multi-Conference on Engineering, Technology, and Education**, LACCEI 2026, will be held in **Santiago, Chile, from July 15 to 17, 2026**. The event will take place at the prestigious **InterContinental Santiago Hotel**, which will welcome researchers, academics, industry leaders, students, and authorities from around the world.

The selection of Chile as the host country recognizes **its international presence in science, technology, and innovation** and its sustained efforts to strengthen engineering education.

Santiago, the capital, combines modern infrastructure with a vibrant cultural and academic life, offering the ideal setting for knowledge exchange and the development of collaborations with regional and global impact.

In recent decades, Chile has consolidated important advances in areas such as **sustainable energy, engineering applied to mining and natural resources, digital transformation, and technological entrepreneurship**, positioning itself as a benchmark in Latin America. These achievements, coupled with the commitment of its universities and research centers, reinforce the relevance of this international meeting.

The **LACCEI 2026 Multi-Conference** is emerging as a key space to **foster intercontinental cooperation, highlight best practices, promote academic and technological innovation, and open opportunities for collaboration between higher education institutions** and international organizations. It will also be an invaluable opportunity for students, professors, researchers, and professionals to share projects, ideas, and visions that impact the sustainable development of our societies.



RECOGNITION FOR OUTSTANDING STUDENT PARTICIPATION IN LACCEI 2025

At LACCEI, we firmly believe in the talent and transformative capacity of our students. The 2025 edition of the International Multi-Conference on Engineering, Technology, and Education was a clear reflection of this commitment, bringing together young people from different countries who excelled in the various challenges posed by academic and innovation competitions.

International Student Research Paper Competition, the **International Student Poster Competition**, and the **3MT International Master's and Doctoral Thesis Competition** were held, each with outstanding participation and awarding prizes to the best projects submitted.

Likewise, the **first LACCEI Virtual Hackathon** was held with **great success** between February and April 2025, convening international teams around challenges with high technological and social impact. Likewise, the **Student Bootcamp** —with a virtual phase and an in-person phase in Mexico City—allowed participants to immerse themselves in a dynamic agenda of conferences and workshops, led by experts in areas of innovation and emerging trends.

All these experiences not only highlighted the talent and creativity of the new generations of engineers but also reaffirmed LACCEI's commitment to continue creating spaces that foster research, entrepreneurship, and comprehensive training with a global impact.

The winners in each category were:

International Student Research Paper Competition

INTERNATIONAL STUDENT RESEARCH PAPER COMPETITION
LACCEI 2025
México City

1st Place: "Voice-Controlled Wheelchair for Children in Underserved Regions"
Authors: Jeniffer Cristina Guardia Medina, Karla Sofia Gutierrez Escudero
Institution: Vaughn College of Aeronautics and Technology (United States of America)

2nd Place: "Productivity Improvement in the Packing Process of a Beverage Company through SMED and 5S"
Authors: Marianna Milagros Bellatín Torres, Eduardo Alexander Díaz Ascarza, Carlos Medardo Urbina Rivera
Institution: Universidad de Lima (Perú)

3rd Place: "Relationship between mechanical stress caused by wind and the spread of the fungus Kretzschmaria zonata in Tectona grandis commercial plantations"
Authors: Nazaret Aguilar Villalobos, Victor Céspedes Cordero, Krisse Sambo Alfaró, Valentina Velásquez Hernández
Institution: Tecnológico de Costa Rica – Costa Rica

International Student Poster Competition

INTERNATIONAL COMPETITION OF POSTER STUDENT
LACCEI 2025
Mexico City

1st Place: "Post-Sales Marketing Study in the Mexican Automotive Sector"
Author: Enrique Aaron García Vázquez
Institution: Instituto Politécnico Nacional de México

2nd Place: "Recycling of PET Bottles for Sustainable Filament Production in 3D Printing: Educational and Environmental Innovation"
Author: María Paula Ramírez Vásquez
Institution: Universidad de Pamplona (Colombia)

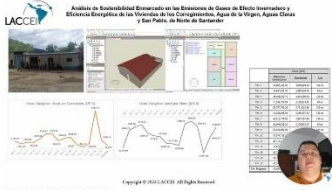
3rd Place: "Influence of ventilation on indoor air quality of kitchens with the use of liquefied petroleum gas in Panama"
Authors: Alexandra Aparicio, Amsley Medina
Institution: Universidad Tecnológica de Panamá

3MT of International Master's Theses

3MT INTERNATIONAL COMPETITION LACCEI 2025 Mexico City

Winner of the International Master's Thesis: "Sustainability Analysis Framed in Greenhouse Gas Emissions and Energy Efficiency of Housing in Ocaña, Colombia"

Author: Jon Edinson Prado Pérez
Institution: Universidad Francisco de Paula Santander (Colombia)
Link: <https://www.youtube.com/watch?v=WIVR6fWHxkU>



Special recognition was given to the prestigious **Vaughn College of Aeronautics and Technology**, United States of America, for a decade of uninterrupted student participation.



3MT of International Doctoral Theses

3MT INTERNATIONAL COMPETITION LACCEI 2025 Mexico City

Winner of the International Doctoral Thesis: "LxC Engineering to Regenerate Life: A Strategic Framework Derived from IPIDEAS.S"

Author: Julio Lu-Chang-Say
Institution: Universidad Nacional de Ingeniería (Perú)
Link: <https://www.youtube.com/watch?v=h23Pfsy7eug>



Outstanding professionals who accompanied the unparalleled experiences of the LACCEI 2025 Hybrid **BOOTCAMP**.

First LACCEI Virtual Hackathon

FIRST INTERNATIONAL VIRTUAL HACKATHON LACCEI 2025



1ST PLACE: "Implementation of a monitoring system for electrical parameter such as DC voltage and UPS battery charge percentage to prevent possible interruptions in electrical service using IoT and ThinkSpeak"

AUTHORS – AVENGERS TEAM: Jorge Sebastian Méndez-Indacochea, Christopher Ariel Romero-Lamboglia, And Maria Paula Chávez-Barreno

INSTITUTION: Escuela Superior Politécnica Del Litoral – ESPOL (Ecuador)



2ND PLACE: "Solid waste monitoring through IoT technologies and MatLab"

AUTHORS – SASIM+: Karla Lisette Antonio Pérez, Fernando Sebastian Castro Ovalle, And Contreras Gonzalez, Dante Antonio Garcia Rosales

INSTITUTION: University Of Monterrey (Mexico)



3RD PLACE: "Low consumption IoT water quality station for Lake Yojoa"

AUTHORS – ELECTROGALLOS: Fernando Alarcon, and Owen Paz

INSTITUTION: Universidad Tecnológica Centroamericana – UNITEC (Honduras)

ESTOS SON LOS PROFESIONALES QUE NOS ACOMPAÑARÁN EN ESTA EXPERIENCIA ÚNICA...





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