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## VIII International Congress of Engineering Physics

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## Introduction

The Physicist Engineering is a multidisciplinary profession in which an undergraduate student integrates and applies their knowledge of Physics, Mathematics, and Computing to adapt and innovate all kind of technologies, as well as to development and apply theoretical knowledge to different fields of science and engineering.

A Physicist Engineer, supported by a solid preparation in science and engineering is available to study, analyze, identify, and solve problems in different fields of science and technology for industries, hospitals, research laboratories, institutes and governmental organizations focused on metrology, optics, energy, materials, instrumentation of sophisticated equipment. The Physicist Engineering bachelor degree is a national and international reference to encouraging all those students to apply knowledge through active participation in the operation, planning, and management of projects.

The technological and scientific impact of a Physicist Engineering undergraduate and graduate students, as well as the tutorial of the research professor that are interested in Physics and Physics Engineering, may be found in a biennial event like the International Conference on Physicist Engineering, through the diffusion of both experimental and theoretical research and teaching.

In order to promote and encourage strength academic goals among universities and research institutions, the International Conference on Physics Engineering Committee, integrated by a faculty meeting of the Universidad Autónoma Metropolitana, Campus Azcapotzalco, has decided to grant the VIII International Congress of Physics Engineering to the Universidad Autónoma de Yucatán, which is going to take place on Mérida, November 7<sup>th</sup> to 11<sup>th</sup>, 2016.

This conference considers different topics as:

- Renewables Energies Engineering
- Materials Technology
- Nanotechnology
- Medical Physics
- Education in Physics Engineering
- Nuclear Engineering
- High Precision Instrumentation
- Atmosphere Physics
- Optics Engineering
- Physics History
- Acoustics
- Related Topics

The conference integrates lectures on top trending topics with pre-congress workshops, which are given by recognized scientists with an outstanding academic record. The lectures and workshops allow to share experiences and create research networks. The Conference also encourages professional mobility among all universities and research institutes.



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