

The Fundación Cepsa Chair at UCA presents its 2021 scientific research awards

- Miguel Torres, Manuel Jesús Calvo, and Francisco Morales receive their awards at the School of Engineering of Algeciras.
- The winning scientific works show outstanding innovation, technical excellence, relevance and applicability

The 2021 Fundación Cepsa Chair awards ceremony was held in the Higher Technical School of Engineering of Algeciras Graduation Hall of the University of Cádiz (UCA). These awards have been recognizing and promoting leading scientific research since 2006, focused on articles, invention patents, and utility models, as well as university theses that help to promote innovation in the fields of energy, oil, and the environment.

In this edition, Miguel Torres García received his award in the Scientific-Technical Article category for his article: *Experimental Analysis of Late Direct Injection Combustion Mode in a Compression-Ignition Engine Fueled With Biodiesel/Diesel Blend*.

Manuel Jesús Calvo Acosta was also recognized in the capstone project category for his work *Pre-design of a Power Generation Plant through Solar + Biomass Hybridization* and finally, in the Patent of Invention category, Francisco Morales Sánchez was awarded for his work *Direct manufacture of thermochromic products with high VO₂ load*.

In addition, Clemente Villalba received a special mention for his master's thesis *Project to Increase the Processing Capacity of the Solvent Distillation Unit at the Gibraltar-San Roque Refinery*.

The event, which was held with the safety measures required by COVID-19, was attended by the winners, María Jesús Mosquera, vice-rector of Science Policy at the UCA; Francisco Trujillo, director of the Fundación Cepsa Chair; Ignacio Turias, general director of R&D&I at the UCA; and Estrella Blanco, representative of the Fundación Cepsa.

During the ceremony, the winning students took the opportunity to share some words about the works that had earned the recognition of the joint committee of Fundación Cepsa Chair for their innovation, originality, scientific and technological approach, relevance and applicability.

Since its inception in 2005, the Cátedra Prize's activity has focused on promoting and incentivizing aspects linked to education, research, outreach and the transfer of knowledge. The relationship between the University of Cadiz and Cepsa dates back to the founding of the College of Technical Industrial Engineering in Algeciras, and gained momentum when the School became the Polytechnic School in 1988 now the Higher School of Engineering of Algeciras. Since then, the two institutions have collaborated on numerous occasions, and have signed a wide range of specific agreements.

The Fundación Cepsa Chairs

Fundación Cepsa Chairs at the Universities of Cadiz, Huelva, Seville, La Laguna, and Polytechnic in Madrid, are continually strengthened thanks to the contributions and involvement of the Company's professionals and the academic institutions committed to improving research, training, knowledge flow and innovation.

Fundación Cepsa Chairs have allowed thousands of students to approach the labor world and bring university professors closer to the reality of the energy and chemical sectors. The exchange of knowledge and experience between Cepsa professionals, university teachers, and students has meant, for two decades, the professional enrichment of all of them. For all these reasons, today Cepsa is an outstanding partner of these universities.

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