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CPTEn Newsletter

CPTEn 
Centro Paulista de Estudos da Transição Energética

Energy transition to move the world

This October, November and December issue of the São Paulo Center for Energy Transition Studies - CPTEn Newsletter, you will find news about partnerships between Unicamp and the public sector in support of energy efficiency, highlights of the international Energy Informatics.Academy Conference and the recognition of projects in energy efficiency by the 2023 Paepe Award. Also check a PhD research on wind power generation.

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Photo: Antonio Scarpinetti / SEC Unicamp

Mayor of Campinas discusses energy efficiency projects with Unicamp

Mayor of Campinas, Dário Saadi, met with the rector of Unicamp, Antonio Meirelles, to discuss initiatives that can be implemented by through the partnership between the University and the municipality in areas of energy efficiency and its transition. Saadi learned about the São Paulo Center for Energy Transition Studies (CPTEn) activities and the University expertise in pursuing energy efficiency.

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Research proposes solutions for a phenomenon that could impact wind power generation

A PhD research from the School of Electrical and Computer Engineering (Feec) focused on the analysis of one of the problems that can affect wind farms, the resonance. Winner of the 2023 Capes Thesis Award in the category of Engineering IV, the study proposes an easily applicable methodology to identify, manage and mitigate resonances. The thesis's author is Andrés Guillén, under supervision of Walmir de Freitas Filho and co-supervision of Ricardo Torquato Borges.

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Photo: Antoninho Perri / SEC Unicamp

Unicamp hosts Energy Informatics.Academy Conference

The School of Electrical and Computer Engineering (Feec) hosted the 2023 edition of the Energy Informatics.Academy Conference. The event is organized by Energy Informatics.Academy, an association that brings together researchers from around the world dedicated to studies related to the application of digital technologies and information to energy management. It was the first time the conference was held in Brazil and the event received support from the University of Southern Denmark, the Technical University Of Denmark, the Porto School of Engineering, in Portugal, and Springer Publishing.

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Photo: Antoninho Perri / SEC Unicamp

Energy efficiency project was the grand winner of 2023 Paepe Award

The energy efficiency projects from the Integrated Planning Executive Office (Depi) was the grand winner of the 2023 Paepe Award. The winning proposal consists of three projects: 100% LED, Sustainability in the Air and More Photovoltaic. The 100% LED project is already in execution and aims to replace internal fluorescent lamps in buildings with LED lamps. The Sustainability in the Air project is in its beginning and will replace all equipment predating the year 2000 with more efficient ones. The More Photovoltaic project is expected to install photovoltaic systems at Unicamp area.

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