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News

Fundamental Research

Renewable energies

Antoine Fécant, chemist, research engineer and project manager at IFPEN, received the 2021 French Académie des Sciences IMT Young Scientist prize on Tuesday 23 November.

This prize, founded by the institut Mines-Télécom and awarded jointly with the Académie des sciences (French Academy of Sciences), recognizes a young scientist under 40 years of age for a major innovation addressing problems from the worlds of industry or business and supporting the sustainable economy in the fields of the digital transformation, energy and environmental or materials engineering.



After completing a PhD within IFPEN's Catalysis, Biocatalysis and Separation Division on the synthesis of zeolites - he was the winner of the 2008 Yves Chauvin prize for his research - Antoine Fécant worked on the improvement of catalyst performance and energy efficiency

within the context of refining and petrochemical processes, as well as biofuel production.

He also contributed to the emergence of research in the field of photocatalysis for the production of “solar fuels" at IFPEN; a technology that involves converting the energy contained in the photons of the solar spectrum into chemical energy.



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