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News

Fundamental Research

Climate, environment and circular economy | Renewable energies | Sustainable mobility

Responsible oil and gas

Oil & Gas Science and Technology (OGST), an academic journal headed by IFP Energies nouvelles (IFPEN) is taking on a new identity to become Science and Technology for Energy Transition (STET). Its aim is to become a genuine forum for exchange and sharing of scientific findings related to an efficient and sustainable energy transition in response to climate change. In support of this change, IFPEN has joined forces with the CEA (French Alternative Energies and Atomic Energy Commission), a major player in French energy research.

This revamp of OGST's identity brings with it a change in editorial policy. Going forward, STET will focus on all areas related to the development of scientific and technological solutions that meet the climate and societal challenges of the energy transition.

The objective is to present a wide variety of technological and systemic approaches by incorporating topics such as the digital sciences, the simulation and optimal use of complex energy systems, the influence of new technologies on the climate and biodiversity, and the technical-economic and

environmental considerations related to their large-scale deployment. Among the themes covered in the journal are hydrogen and electrofuels, bioresources, wind, marine and geothermal energy, solar energy and fuels, electrification for mobility, CO2 capture, storage and recovery, and LCA (life cycle assessments).

> "This shift in the editorial policy of our scientific journal is in line with IFP Energies nouvelles' missions, which are focused on research and innovation for the energy transition and sustainable mobility. It seemed a logical step for us to carry out this new project with the CEA, which is also involved in these issues", said **Pierre-Franck Chevet, Chairman of IFP Energies nouvelles.**

> "With STET, longstanding partners CEA and IFPEN have made it clear that they wish to continue and strengthen their collaboration in the long-term. The two EPICs (State-owned Industrial and Commercial Establishments) are thus affirming their shared integrated view of energy, which is essential to achieving our decarbonization objectives and the success of our energy transition", said **François Jacq, Chairman of the CEA.**

STET is an open access journal with no publication costs for authors. The articles can also be viewed free of charge. In fact, IFPEN and the CEA have chosen to participate in the open science approach, which promotes scientific advances and innovation and provides a lever for scientific integrity.

STET is indexed in the major international databases. The articles are rigorously peer-reviewed in line with the applicable rules, ensuring that the journal meets the required quality standards. The editorial committee, which includes international personalities from the worlds of academia and industry, is currently being formed.

To access the academic journal STET, Science and Technology for Energy Transition:
www.stet-review.org

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The CEA is a major player in research, working for the benefit of the State, the economy and the general public. It provides concrete solutions to their needs in four key areas: energy transition, digital transition, technologies for the medicine of the future, defense and security.
The CEA provides public authorities and industry with expertise and innovation to support the implementation of a low-carbon energy system. With an integrated approach to the energy system, the CEA is working on all methods for low-carbon energy production (nuclear energy, renewable

energies), their interactions within the grid (storage, supply control, conversion), as well as the issue of resources (waste management and recycling) as part of a circular economy approach. The CEA also carries out construction and renovation programs at its nuclear facilities, as well as cleanup and decommissioning duties.
www.cea.fr

Energy transition: IFPEN and CEA launch the international scientific journal Science and Technology for Energy Transition (STET)
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