



Written on 01 May 2011





News

Fundamental Research

Climate, environment and circular economy		CO2 capture, utilization and storage Renewable energ		vable energie	s
Biofuels and e-fuels	Sustainable mobility	IC powertrains	Responsible oil and gas	Fuels	

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We have been publishing the latest scientific results achieved by our researchers in

this newsletter for a number of years now and this issue is no exception.

However, one thing that sets it apart is its new context. IFP has changed its name and is now known as IFP Energies nouvelles

(IFPEN). This name change reflects a shift in our strategy, initially oriented mainly towards oil and gas and now largely focusing on new energy technologies (hybrid and electric vehicles, biofuels, green chemistry, CO₂ capture and storage, etc.).

As a result, Science@ifp has also changed its name to become Science@ifpen. However, over and above the technological breakthroughs necessary to bring about these changes, the approach proposed by IFPEN demonstrates a high level of continuity. Because the determination to generate

innovations that has driven IFPEN's researchers from the very outset has led it to develop exceptional expertise, now channeled intomeeting these new challenges. This will become obvious to readers when they discover the research presented in this newsletter.

We hope that you enjoy this issue,

Sophie Jullian, Scientific Director

Summary:

- Engine diagnosis using laser technology
- Atomizing aluminosilicates!
- Vacuum distillates seen under a totally new light
- Biofuels turn to fungus
- CO₂ on the move
- Getting to grips with particles!



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