



## Science@ifpen

Written on 01 December 2011



15 minutes of reading



News

Fundamental Research

Sustainable mobility

Electrified Mobility

Responsible oil and gas

Fuels

Basins and reservoirs modeling and simulation



The Science@ifpen newsletter provides the scientific community with access to a

selection of results obtained by our researchers and published in world-class journals. A few years ago, in order to enhance its scientific excellence, IFP Energies nouvelles (IFPEN) created an R&D expertise network that now brings together around fifteen Experts and Expert Directors.

Our aim is to publish regular issues of Science@ifpen, primarily focusing on the work of our expert community. In issue 8, for example, readers will discover a broad range of topics, including how modeling can provide a clearer understanding of foothill zone behavior, the results of **eco-driving techniques** applied to **electric vehicles** or the development of innovative methods for **monitoring corrosion**.

We are delighted to be able to offer you a glimpse of this diversity and hope you enjoy reading our newsletter.

## Summary:

- Diving deep into the world of **risers**
  - **Foothill zones** give up their secrets
  - **Eco-driving** for electric vehicles
  - Gaining a better understanding of the properties of **heavy products**
  - The **kinetics of colloidal deposits** in porous media
  - Listening **steels** during their **corrosion**
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