



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

Risers and flow lines



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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