



*Nanoscienze & Nanotecnologie
& Strumentazione*

Seminario

Prof. P. Gomez-Romero

***Centro de Investigación en Nanociencia y
Nanotecnología, CIN2 (CSIC-ICN),
Campus UAB, 08193 Bellaterra (Barcelona) SPAIN***

Titolo:

" A planet in search for energy"

Aula Seminari
Dipartimento di Scienze e Tecnologie Chimiche
Università degli Studi di Roma "Tor Vergata"
Ore 15.00 - 27 Aprile 2009

(proponente: Prof. Silvia Licocchia, licocchia@uniroma2.it)

A PLANET IN SEARCH FOR ENERGY.

Prof. P. Gomez-Romero
*Centro de Investigación en Nanociencia y Nanotecnología, CIN2 (CSIC-ICN),
Campus UAB, 08193 Bellaterra (Barcelona) SPAIN*
[e-mail:pedro.gomez@cin2.es](mailto:pedro.gomez@cin2.es)

With cheap oil is on its way to extinction and more abundant carbon threatening climate and environment, our present model for energy generation and consumption is doomed to a radical change or to a radical crisis. And yet, every year we burn more and more fossil fuels. We are already living the beginning of a complex combined problem between energy and the environment, a problem that will not vanish miraculously through the chimney. But every year we use more and more energy.

Maybe in the slumber of the kingdom of dispensable consuming, our supposedly civilized society doesn't seem to be alarmed by this situation. We seem to believe that, when the time comes, science, technology and the market will come to our rescue providing the massive amounts of energy needed to keep our society moving. But the time is NOW.

In this talk we will present the overwhelming problem of energy in our present society, the links between energy, environment and economy and the many lines of action that could be taken to tackle this problem. This will include technological and social aspects, all intertwined to the limit. Hydrogen and fuel cells, solar energy and other renewables, nuclears, energy efficiency...a cocktail difficult to digest for the public in general which we scientists have the responsibility to explain to our fellow citizens. This talk aims at showing how.

Related books:

Pedro Gomez-Romero "Un planeta en busca de energía" Ed. Síntesis, 2007

Pedro Gomez-Romero. "Metaevolución. La Tierra en el espejo" Ed. Celeste, 2001.

www.cienciateca.com