



# ΕΡΕΥΝΗΤΙΚΟ ΙΝΣΤΙΤΟΥΤΟ ΧΗΜΙΚΗΣ ΜΗΧΑΝΙΚΗΣ ΚΑΙ ΧΗΜΙΚΩΝ ΔΙΕΡΓΑΣΙΩΝ ΥΨΗΛΗΣ ΘΕΡΜΟΚΡΑΣΙΑΣ

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## ΣΕΜΙΝΑΡΙΟ

- ΟΜΙΛΗΤΗΣ:** Professor Chris Adams  
Director, Institute of Applied Catalysis, UK
- ΘΕΜΑ:** **THE NEW SOLVENTS : AN EXAMINATION OF THEIR  
INDUSTRIAL POTENTIAL**
- ΤΟΠΟΣ:** Αίθουσα Σεμιναρίων ΕΙΧΗΜΥΘ-ΙΤΕ
- ΗΜΕΡΟΜΗΝΙΑ:** Πέμπτη, 25 Απριλίου 2002
- ΩΡΑ:** 19:00

## ΠΕΡΙΛΗΨΗ

The use of solvents like ionic liquids and supercritical fluids have excited considerable academic interest in the Green Chemistry community as potential replacements for conventional hydrocarbon and dipolar aprotic solvents in many chemical reactions and other physical processes. However, the step from new scientific discoveries to commercial success is large.

The talk will review these emerging “neoteric” solvent systems from the point of view of new chemical science and new chemical technology, covering a wide range of chemical reactions, and will evaluate the status of their development as components of potential manufacturing processes, based on a comparison with how other technologies have been introduced.

The talk will indicate research directions which might produce a faster implementation of these highly interesting systems.