



ΣΕΜΙΝΑΡΙΟ

ΙΤΕ/ΕΙΧΗΜΥΘ

ΟΜΙΛΗΤΗΣ: Dr. Stanko Hocevar
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ΘΕΜΑ: “Development of a New High Performance Low Temperature Fuel Cell”

ΗΜΕΡΟΜΗΝΙΑ: 8 Δεκεμβρίου 1999

ΤΟΠΟΣ : Αίθουσα Σεμιναρίων ΕΙΧΗΜΥΘ

ΩΡΑ: 19:00

ABSTRACT:

The prototype of the new fuel cell based on heteropoly acid electrolyte (PWAFC) and the effects to improve its chemical characteristics will be presented in relation to:

1. Enhanced anode Pt catalyst resistance to poisoning with CO present in H₂ fuel
2. The optimisation of Pt gas diffusion electrode preparation
3. The PWAFC geometry optimisation using fluid dynamics studies