



PURDUE
UNIVERSITY

WORKSHOP

ON

NUCLEAR ENERGY RENAISSANCE

Addressing the Challenges of Climate Change and Sustainability

8 MAY 2008, ATHENS, GREECE

*National Research Council - Εθνικό Ίδρυμα Ερευνών,
48 V. KONSTANTINOU, ATHENS 11635 - Β. Κωνσταντίνου 48, Τ.Κ. 11635, Αθήνα*

FINAL PROGRAM

- 9:15 – 9:20 **Welcoming Remarks:** Dr. A.G. Youtsos, NCSR “DEMOKRITOS”, Greece, Workshop Chairman
- 9:20 – 9:30 **Welcoming Remarks:** **H.E. Mr. Ch. FOLIAS, Minister of Development of the Hellenic Republic**
- 9:30 – 11:15 **SESSION 1** **Rebirth of Nuclear Energy & Greece**
Session Chairs: Prof. E.N. Houstis, Dr. A.G. Youtsos
- 9:30 – 10:00 "Considerations for the introduction of nuclear power", Mr. R Ian Facer, IAEA
(Key note lecture)
- 10:00 – 10:25 "Nuclear Power Trends, Energy Economics and Sustainability", Prof. L. H. Tsoukalas, Purdue, USA
- 10:25 – 10:50 "The Nuclear Option in Greek National Energy Policy: A Renaissance or a Déjà vu?", Dr. R. A. Moissis, HCEP, Greece
- 10:50 - 11:15 "Educational/Technical Infrastructure Needs of Nuclear Power for Greece", Prof. N. Tsoulfanidis, Editor of *Nuclear Technology*, USA
- 11:15 – 11:30 **Coffee Break**

11:30 – 13:00 **SESSION 2** **Climate Change and Sustainability**
Session Chairs: Prof. L.H. Tsoukalas, Dr. L.P. Drollas

11:30 – 11:50 “**The environment and climate change**”, Prof. Ch. Zerefos, Univ. of Athens, Greece

11:50 – 12:10 “**Nuclear Energy: It is not a solution, it is a problem**”, Mr. Paris Papatheodorou, Mediterranean Antinuclear Watch, Greece

12:10 – 12:30 “**Climate Change: Nukes are not the answer**”, Mr. N. Charalambidis, Greenpeace, Greece

12:30 - 13:00 “**The cost of reducing CO₂ emissions in Europe**”, Dr. Leonidas P. Drollas, Centre for Global Energy Studies, UK (*Key note lecture*)

13:00 – 14:00 **LUNCH**

14:00 – 15:40 **SESSION 3** **Nuclear Reactor Safety in the 21st Century**
Session Chairs: Dr. C. Tzanos, Dr. D.M. Cokinos

14:00 – 14:25 “**Nuclear Reactor Regulation**”, Dr. Lambros Lois, NRC, USA

14:25 – 14:50 “**New Nuclear Reactor Designs**”, Dr. Dimitrios M. Cokinos, Brookhaven NL, USA

14:50 – 15:15 “**Nuclear Burning of Nuclear Waste**”, Dr. Constantine Tzanos, Argonne NL, USA

15:15 – 15:40 “**Building Nuclear Power Plants**”, Prof. Robert E. Uhrig, ORNL, USA

15:40 – 16:00 **Coffee Break**

16:00 – 16:40 Round Table I Climate Change and Sustainability

Panel members: Prof. N.S. Margaris, Dr. L.P. Drollas, Mr. N. Charalambidis, Mr. P. Papatheodorou

16:40 - 17:20 Round Table II Nuclear Reactor Safety in the 21st Century

Panel members: Dr. L. Lois, Dr. C. Tzanos, Dr. D. Cokinos, Prof. Uhrig, Mr. R. Ian Facer

17:20 – 18:00 Round Table III Nuclear Energy & Greece

Panel members: A.G. Youtsos, E.N. Houstis, L.H. Tsoukalas, N. Tsoulfanidis

18:00 – 18:15 WORKSHOP CONCLUSIONS