HOTEL INFORMATION AND RESERVATION

Hotel reservations should be made directly by the participants to:
Athens Imperial Hotel
Achilleos & M. Alexandrou
Karaiskaki Square
104 37 Athens / Greece
Tel. +30 210 5201600
Fax: +30 210 5225521
http://www.grecotel.gr

Rate per person per night:

☐ single room **100 €**

☐ double room **115 €**

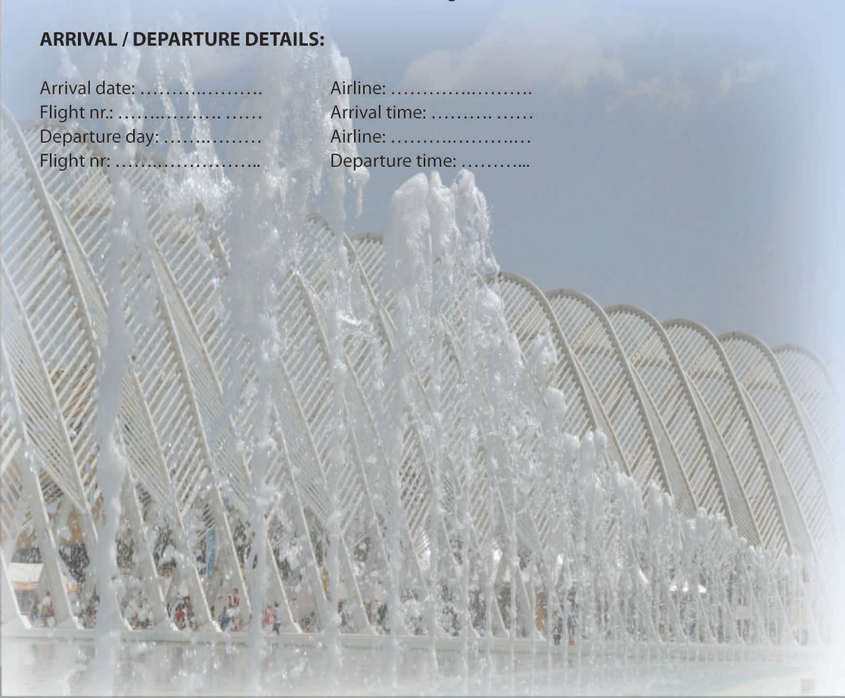
Note: All prices include breakfast and all taxes

Please mention **DYNASTEE 2005** when booking.

ARRIVAL / DEPARTURE DETAILS:

Arrival date: ……..…….
Flight nr.: ……..…….. ……
Departure day: ……..……
Flight nr: ……..……..

Airline: ……..……..
Arrival time: …….. ……
Airline: ……..……..…
Departure time: ……...

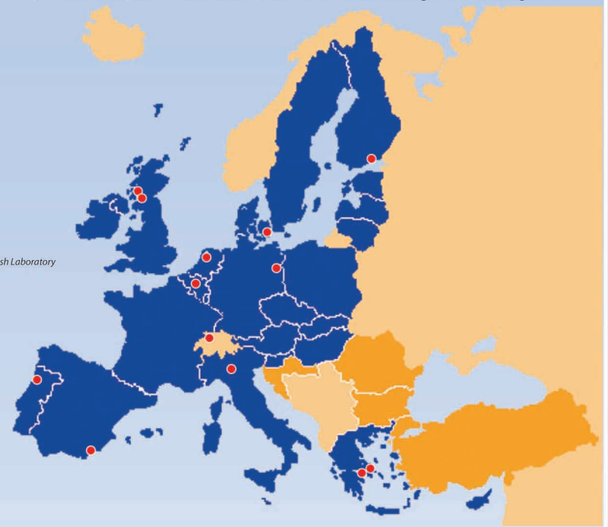


OPERATING MANAGEMENT OF THE PASLINK EEIG:

Centre for Renewable Energy Sources
19th km Marathonos Avenue
190 09 Pikermi, Attiki, Greece
Tel: +30 210 6603300
Fax: +30 210 6603305
http://www.cres.gr

Operating Manager:
Mrs Eugenia Lazari *(e-mail: jlazari@cres.gr)*

Operating Secretary:
Mr Gordon Sutherland *(e-mail: gordon@cres.gr)*



FULL MEMBERS:

BBRI
Belgian Building Research Institute
Sint-Stevens-Woluwe, BELGIUM

BRE_Scotland
Building Research Establishment Scottish Laboratory
East Kilbride, SCOTLAND, UK

CRES
Centre for Renewable Energy Sources
Pikermi, GREECE

CIEMAT
Plataforma Solar de Almeria (PSA)
Almeria, SPAIN

VTT
VTT Building & Transport
Espoo, FINLAND

EXTERNAL MEMBERS/ASSOCIATED:

BTU
Brandenburg Technical University of Cottbus
Cottbus, GERMANY

TNO
TNO Building & Construction Research
Delft, The NETHERLANDS

ESRU
University of Strathclyde
Glasgow, SCOTLAND, UK

EC-JRC
European Commission –
Joint Research Centre
Ispra, ITALY

DTU-IMM
Technical University of Denmark
Lyngby, DENMARK

EMPA
Swiss Federal Laboratories for
Materials Testing and Research
Zurich, SWITZERLAND

FGT
University of Porto
Porto, PORTUGAL

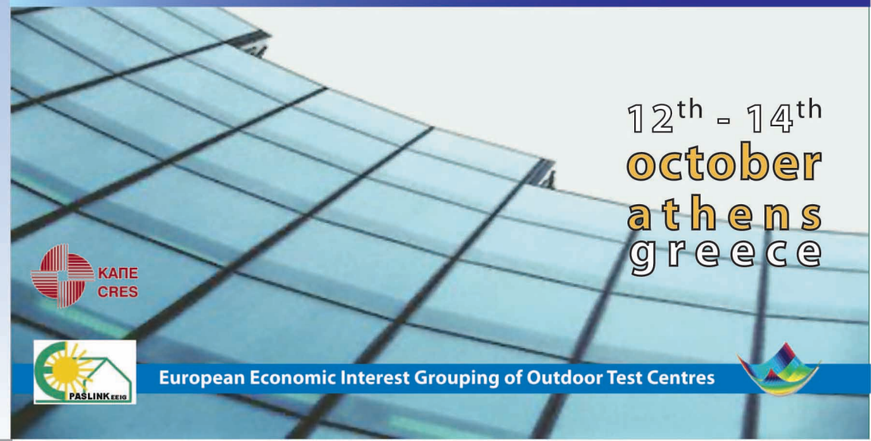
CANDIDATE MEMBERS:

NKUA
University of Athens
Athens, GREECE

DYNASTEE 2005

SCIENTIFIC CONFERENCE

DYNAMIC ANALYSIS, SIMULATION AND TESTING APPLIED TO THE ENERGY AND ENVIRONMENTAL PERFORMANCE OF BUILDINGS



12th - 14th
october
athens
greece

ΚΑΠΕ
CRES

PASLINK EEIG

European Economic Interest Grouping of Outdoor Test Centres

Introduction

Dynamic analysis and modelling techniques, combined with appropriate test methodologies, have been applied for many years to the assessment of the solar and thermal performance of buildings and building components. However, producing accurate results which inspire confidence at all levels in the building sector can still be a problem.

The specific dynamic analysis and modelling techniques addressed by this conference require a high level of skill in order to be applied properly. Often statisticians and mathematicians do not have the technical knowledge to correctly apply these dynamic techniques to physical processes, whilst engineers may not have adequate knowledge of the complex statistical and mathematical processes. Discussions, comparisons, training, guidance tools, and in general, accessible and sustainable research infrastructures are required to keep the necessary skill at a high level. Due to the wide range of scientific disciplines required for analysing the complexities of the performance of an occupied building in a real outdoor environment, it is difficult and expensive for any one institute, organisation or university to maintain all the required knowledge in-house. As such, whilst the dynamic analysis and modelling techniques are able to deal with the non-linear processes associated with the energy performance of occupied buildings and are well suited for energy management, it is however necessary to provide an environment which allows direct and effective intercomparison of these techniques and the results of their implementation.

Aims and objectives

The objective of DYNASTEE 2005 is to provide an effective networking environment, by bringing together the scientific community in the field, to add further momentum to many years of applied research and to identify feasible approaches for the practical implementation of dynamic techniques. The conference is the meeting ground for the presentation of an overview of the activities and strategies to date, discussion of the latest scientific developments and announcement of the networking mechanisms for creating a sustainable scientific environment for applications of dynamic analysis, simulation and testing.

Who should attend DYNASTEE 2005

The conference addresses the scientific community active in the field of construction research and design using state-of-the-art analysis, modelling and testing techniques for the study of the energy and environmental performance of buildings and building components. Participants are expected to come from the wider area of building engineering and physics research, as well as from the field of applied mathematics and statistics.

Venue

The conference will be held in the Athens Imperial Hotel, located in central Athens, and conveniently situated next the Metaxourghio Metro station (Line 2) for fast and easy access to Athens International Airport.

CONFERENCE PROGRAMME

Wednesday, 12th October 2005

13:00-14:00	Registration
14:00-15:30	**Opening – Introduction and Overview**
15:30-16:30	*Lunch*
16:30-18:00	**Session 1 : Experimental testing and monitoring**
18:00-18:30	*Coffee Break*
18:30-20:00	**Session 2 : Experimental testing and monitoring (continued)**

Thursday, 13th October 2005

09:30-11:00	**Session 3 : Dynamic analysis methods and techniques**
11:00-11:30	*Coffee break*
11:30-13:00	**Session 4 : Applications of dynamic analysis**
13:00-14:00	*Lunch Break*
14:00-15:30	**Parallel Workshops**
	- Mathematical Modelling
	- Building Energy Performance Assessment

Friday, 14th October 2005

09:30-11:00	**Session 5 : Dynamic simulation and innovative applications**
11:00-11:30	*Coffee break*
11:30-13:00	**Round table : From Research to Application**
13:00-14:00	**Discussion**
	Closing of the conference

*A meeting of the DYNASTEE Network will take place from 15:00 – 16:30.
An open invitation is extended to all conference participants who wish to attend.

ORGANISING COMMITTEE

Mrs Eugenia Lazari, Centre for Renewable Energy Sources (CRES), Greece
Mr Gordon Sutherland, Centre for Renewable Energy Sources (CRES), Greece
Mr Luk Vandaele, Belgian Building Research Institute (BBRI), Belgium
Dr Paul Baker, Glasgow Caledonian University, United Kingdom
Prof Dagnija Blumberga, Riga Technical University, Latvia
Mr Hans Bloem, European Commission - Joint Research Centre (EC - JRC), Italy

SCIENTIFIC COMMITTEE

Dr Brian Anderson, Building Research Establishment Scottish Laboratory (BRE Scotland), United Kingdom
Prof Kimon Antonopoulos, National Technical University of Athens (NTUA), Greece
Prof Athanassios Argiriou, University of Patras, Greece
Prof Andreas Athienitis, Concordia University, Canada
Dr Dorota Chwieduk, Policy Academy of Sciences, Poland
Prof Baruch Givoni, University of California at Los Angeles (UCLA), United States of America
Prof Gérard Guarracino, Ecole National des travaux public de l'Etat, France
Prof Jan Kreider, University of Colorado at Boulder, United States of America
Prof Henrik Madsen, Technical University of Denmark, Denmark
Prof Francois-Pascal Neirac, Centre Energetique et Procedes de l'Ecole des Mines de Paris, France
Dr Paul Strachan, University of Strathclyde, United Kingdom

CONFERENCE REGISTRATION FORM

Please complete (using capital letters) and forward to:
DYNASTEE 2005 Conference Secretariat
Centre for Renewable Energy Sources (CRES)
19th km Marathonos Avenue
190 09 Pikermi, Attiki / Greece
Attn. Ms Ioanna Dounaki
Tel.: + 30 210 6603212
Fax: + 30 210 6603301-2
e-mail: dounaki@cres.gr

Surname:……..……..
First Name:……..……
Mr / Ms / Dr / Prof: ……
Profession:……..……..
Company/Institute:……..
Address:……...
Postal Code:……
City:……..
Country: ……..……
Telephone:……..
Fax:……..……..
e-mail:……..

REGISTRATION FEES - PAYMENT METHOD

☐ Registration until 19th Sept. 2005 **150 €**

☐ Registration after 19th Sept. 2005 **180 €**

☐ Student fee **100 €** (document required)

The registration fee includes:
- ✓ Attendance at all Sessions and Workshops
- ✓ Refreshments and lunches
- ✓ A copy of the proceedings on a CD-ROM

Payments for registration should be made in EURO by wire bank transfer quoting:
DYNASTEE 2005
Credit cards or bank cheques cannot be accepted.
Bank transfer for payments in EURO should be made to:
Centre for Renewable Energy Sources (CRES)
Bank: National Bank of Greece
Branch: Ambelokipi Branch 721, Mesogeion 1, Athens, Greece
Account Nr.: 721/106/48015476
IBAN GR43 0110 1060 0000 1064 8015 476
SWIFT (BIC) ETHNGRAA

Registration will be considered valid upon receipt of a copy of the bank transfer issue, mentioning your name, by fax (+30 210 6603301- 2 / attn. Ms. I. Dounaki). Upon receipt of your registration you will receive confirmation from the conference secretariat.