



UNIVERSITÀ DEL SALENTO



ΠΕΡΙΦΕΡΕΙΑ  
ΗΠΕΙΡΟΥ  
REGION OF EPIRUS



THE HELLENIC INSTITUTE OF ELECTRIC  
VEHICLES (HEL.I.E.V.)



THE AUTOMOBILE AND TOURING CLUB  
OF GREECE ELPA



EUROPEAN PROGRAM INTERREG III - Italy/Greece  
Priority 3 - Environment and Cultural Heritage



UNIVERSITÀ DEL SALENTO



International Congress  
**SUNLIFE**

RENEWABLE ENERGY: FROM THE PAST TOWARDS THE FUTURE

**MAY 21<sup>st</sup>, 2008**

09.00 A.M. Conference Room

Rectorship

Convento del Carmine Piazza Tancredi n. 7  
LECCE - ITALY

For more information about the Rally refer to:  
<http://www.heliev.gr>  
Dr. Paolo Carlucci  
[paolo.carlucci@unile.it](mailto:paolo.carlucci@unile.it)

For more information about the Congress refer to:  
<http://www.dii.unile.it>  
Dr. Gianpiero Colangelo  
[gianpiero.colangelo@unile.it](mailto:gianpiero.colangelo@unile.it)



## Aim and Objective

## Congress Program

*University of Salento is involved in the organization of the International Congress "SUNLIFE Renewable Energy: from the past towards the Future" and the "SUN-LIFE Ecomobility" Rally. These two connected events are part of the SUNLIFE project in collaboration with Region of Epirus (Greece), the Hellenic Institute of Electric Vehicles (HEL.I.E.V.) (Greece) and the Automobile and Touring Club of Greece ELPA.*

*The Congress will cover the subject of renewable sources of energy and the future possibilities for a maximum use in favor of environment and global economy.*

*In the courtyard of the Rectorship visitors will also have the chance to admire the cars that will be involved in the Rally starting the day after.*

*The Rally will start from Lecce (Italy) on the 22<sup>nd</sup> of May 2008 and will finish in Ioannina (Greece) on the 25<sup>th</sup> of May 2008. The Italian leg of the rally will cover the path from Lecce to Bari through the famous car racing track of Nardò.*

08.30 Registration

09.00 Congress Introduction

**Prof. D. Laforgia** (Rector of Università' del Salento)

09.15 Local authorities greetings

**Morning Session** - Chairman Prof. D. Laforgia (Rector of Università'del Salento - Italy)

09.30 Solar and wind energy at Lecce: a short history

**Prof. L. Ruggiero** (Università' del Salento - Italy)

10.00 Comparison of economy efficiency for renewable energy sources in Greece

**Dr. E. Tsimplotsephanakis** (University of Patras – Greece)

10.30 Coffee Break

10.45 Solar thermal energy. Survey and perspectives

**Prof. Y. Caouris** (University of Patras - Greece)

11.15 New perspectives of solar technologies for power production

**Prof. A. de Risi** (Università' del Salento – Italy)

11.45 Experience with the first commercial solar thermal power plant in Spain and concentrated solar power perspectives in Italy

**Dr. M. Geyer** (Abengoa – Spain)

12.15 Present status and development of Photovoltaic cells

**Dr. V. Perraki** (University of Patras – Greece)

12.45 Lunch

**Afternoon Session** - Chairman Prof. A. Safacas (University of Patras – Greece)

14.30 Experience with biomass use for energy  
**Dr. I. Gulyurtlu** (INETI – Portugal)

15.00 Technological Development in the Wind Potential Conversion to Electric Energy

**Dr. D. Giaourakis** (University of Patras – Greece)

15.30 New perspectives in using biomass  
**Dr. G. Braccio** (ENEA – Trisaia – Italy)

16.00 Coffee Break

16.15 The geothermal heat pumps technology status

**Dr. G. Starace** (Università' del Salento – Italy)

16.45 Solar energy for vehicles: technical and economic sustainability and main future needs of the automotive industry

**Dr. E. Lugarà'** (CRF - Vehicle architectures – Italy)

17.15 Solar vehicles and hybrid cars

**Prof. G. Brasseur** (Graz University of Technology – Austria)