



INSTITUTE FOR ENERGY TECHNOLOGY, UNIVERSITY OF MALTA
RENEWABLE ENERGIES IN MALTA AND BEYOND

19th September 2005, Salina, Malta

PROCEEDINGS

SPEECH OF THE RECTOR'S DELEGATE, PROF. E. A. MALLIA

SPEECH OF THE INSTITUTE'S CHAIRMAN, PROF. ING. PAUL MICALLEF

1.1 ENERGY EFFICIENCY IN SPAIN, PROF. JULIA BILBAO AND MR. A. MIGUEL, DEPARTMENT OF APPLIED PHYSICS, VALLADOLID UNIVERSITY, SPAIN

1.2 ENERGY EFFICIENCY IN BUILDINGS, MR. MARIO FSADNI, INSTITUTE FOR ENERGY TECHNOLOGY, UNIVERSITY OF MALTA, MALTA

2.1 THE IMPACT OF SIGNIFICANT PV PENETRATION ON THE ELECTRICITY DISTRIBUTION SYSTEM, PROF. DAVID INFELD AND MR. M. THOMSON, CENTRE FOR RENEWABLE ENERGY SYSTEMS TECHNOLOGY, LOUGHBOROUGH UNIVERSITY, UK

2.2 CONTRIBUTION OF SOLAR APPLICATIONS TOWARDS ACHIEVING A RENEWABLE ENERGY TARGET FOR MALTA, MR. CHARLES YOUSIF, INSTITUTE FOR ENERGY TECHNOLOGY, MALTA

2.3 GRID CONNECTED PV SYSTEMS IN SPAIN, PROF. JULIA BILBAO AND MR. A. MIGUEL, DEPARTMENT OF APPLIED PHYSICS, VALLADOLID UNIVERSITY, SPAIN

2.4 INVESTIGATION OF DOMESTIC SOLAR WATER HEATING INSTALLATIONS IN MALTA, MR. SIMON P. BORG, *MR. CHARLES YOUSIF AND *ING. ROBERT FARRUGIA, *INSTITUTE FOR ENERGY TECHNOLOGY, UNIVERSITY OF MALTA, MALTA.

3.1 THE ISAT ENERGY EXPERIENCE – A MODEL UNDERGRADUATE CURRICULUM FOR RENEWABLE ENERGY, PROF. JONATHAN MILES, JAMES MADISON UNIVERSITY, USA

3.2 ASSESSING THE PROSPECTS FOR WIND POWER GENERATION IN MALTA, ING. ROBERT N. FARRUGIA, INSTITUTE FOR ENERGY TECHNOLOGY, UNIVERSITY OF MALTA, MALTA

3.3 SITES FOR OFFSHORE WINDFARM DEVELOPMENT AROUND MALTA – THEIR POTENTIAL AND CONSTRAINTS, ING. ANTOINE RIOLO, MALTA RESOURCES AUTHORITY

3.4 MEASUREMENT AND ANALYSIS OF THE PERFORMANCE OF A SMALL-SCALE GRID-CONNECTED WIND TURBINE OPERATED IN THE MALTESE ISLANDS, DR. CEDRIC CARUANA, MR. TONIO SANT, MR. ETIENNE AGIUS AND DR. CYRIL SPITERI STAINES, FACULTY OF ENGINEERING, UNIVERSITY OF MALTA, MALTA

3.5 DELIVERING CHANGE, DIPL. ING. D. WECHSELBERGER, ING. V. MAGRI AND DR. ING. C. CIANTAR, WASTESERV MALTA LTD., MALTA

4.1 SOLAR COOLING, PROF. ROBERT GHIRLANDO AND MR. JEAN PAUL BUTTIGIEG, DEPARTMENT OF MANUFACTURING ENGINEERING, UNIVERSITY OF MALTA, MALTA

4.2 HYDROGEN PRODUCTION BY RENEWABLE ENERGY, *MR. ADRIAN BORG, **MR. MARIO FSADNI AND *PROF. EDWARD A. MALLIA, *ST MICROELECTRONICS MALTA, **INSTITUTE FOR ENERGY TECHNOLOGY, UNIVERSITY OF MALTA, *** FACULTY OF SCIENCE, UNIVERSITY OF MALTA, MALTA**

4.3 INVESTIGATING THE ABILITY FOR MALTA TO BECOME ENERGY SELF-SUFFICIENT THROUGH THE PRODUCTION OF HYDROGEN FROM RES, ING. MARIO SCHEMBRI, AIS ENVIRONMENTAL LTD., MALTA

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