



INSTITUTE FOR SUSTAINABLE ENERGY, UNIVERSITY OF MALTA

**SUSTAINABLE ENERGY 2012**  
**THE ISE ANNUAL CONFERENCE**

21<sup>st</sup> February 2012, Dolmen Resort Hotel & Spa, Qawra, Malta

**PROGRAMME: TUESDAY 21<sup>ST</sup> FEBRUARY 2012**

|                      |                                                                                                                                                                                                                                                  |
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| <b>08:30 – 09:00</b> | <b>REGISTRATION</b>                                                                                                                                                                                                                              |
| <b>09:00 – 09:20</b> | <b>OPENING SESSION:</b> HON. MINISTER GEORGE PULLICINO & PROF. ROBERT GHIRLANDO, DIRECTOR, ISE                                                                                                                                                   |
| 09:20 – 10:00        | KEYNOTE PRESENTATION 1: SOLAR SYSTEMS FOR HEATING AND COOLING OF BUILDINGS, HANS MARTIN HENNING, FRAUNHOFER ISE, GERMANY                                                                                                                         |
| 10:00 – 10:30        | PRESENTATION 2: MODELLING AND SIMULATING THE EFFECTS OF THE USE OF INSULATED BUILDING FABRIC IN A MULTI-STOREY MALTESE RESIDENTIAL BUILDING, SIMON P. BORG & N.J. KELLY, UNIVERSITY OF STRATHCLYDE, UK & KRISTA RIZZO, MALTA RESOURCES AUTHORITY |
| 10:30 – 11:00        | PRESENTATION 3: BEYOND NATIONAL MINIMUM STANDARDS: A COMPARISON OF THE TRADITIONAL HCB AND THE AB THERMABLOCK, VINCENT BUHAGIAR, UNIVERSITY OF MALTA & GEORGE TONNA, ATTARD BROTHERS GROUP                                                       |
| <b>11:00 – 11:30</b> | <b>COFFEE BREAK (VISITING STANDS AND POSTER SESSION)</b>                                                                                                                                                                                         |
| 11:30 – 12:00        | INFORMATION SESSION: FP7 – EU FUNDING OPPORTUNITIES FOR RESEARCH & DEVELOPMENT, ALEXANDRA CAMILLERI, MALTA COUNCIL FOR SCIENCE & TECHNOLOGY                                                                                                      |
| 12:00 – 12:30        | PRESENTATION 4: INCREASING THE ELECTRIC MOTORS EFFICIENCY IN INDUSTRIAL APPLICATIONS, PETER SPITERI, CYRIL SPITERI-STAINES & CEDRIC CARUANA, UNIVERSITY OF MALTA                                                                                 |
| 12:30 – 13:00        | PRESENTATION 5: DESIGN OF A REGENERATIVE LOAD TO INCREASE EFFICIENCY DURING RELIABILITY TESTING OF DC SUPPLY EQUIPMENT, FRANCARL GALEA, MAURICE APAP, CYRIL SPITERI-STAINES AND JOSEPH CILIA, UNIVERSITY OF MALTA                                |
| <b>13:00 – 14:00</b> | <b>LUNCH (VISITING STANDS AND POSTER SESSION)</b>                                                                                                                                                                                                |
| 14:00 – 14:40        | KEYNOTE PRESENTATION 6: OFFSHORE WIND FARMS - FROM DETAILED STRUCTURAL DESIGN TO CONSTRUCTION, FREDERICK ELLUL, PARSONS BRINCKERHOFF, UK                                                                                                         |
| 14:40 – 15:10        | PRESENTATION 7: PRELIMINARY STUDIES ON AN INNOVATIVE VERTICAL AXIS WIND TURBINE CONCEPT: SATVAWT, DANIEL MICALLEF, PIERLUIGI MOLLICONE, TONIO SANT, ALESSANDRO URSO, RYAN XUEREB AND A. GALEA, UNIVERSITY OF MALTA                               |
| 15:10 – 15:40        | PRESENTATION 8: SUSTAINABLE ENERGY BEHAVIOUR IN MALTA: AN EMPIRICAL STUDY, PATRICK GAUCI, ENEMALTA CORPORATION & FRANK BEZZINA, UNIVERSITY OF MALTA                                                                                              |
| <b>15:40 – 16:00</b> | <b>COFFEE BREAK (VISITING STANDS AND POSTER SESSION)</b>                                                                                                                                                                                         |
| 16:00 – 16:30        | PRESENTATION 9: THE CLIMATE OF MALTA, CHARLES GALDIES, UNIVERSITY OF MALTA                                                                                                                                                                       |
| 16:30 – 17:00        | PRESENTATION 10: THE ISE RESEARCH PROGRAMME OVERVIEW PRESENTATION 4, UNIVERSITY OF MALTA                                                                                                                                                         |
| <b>17:00 – 17:10</b> | <b>CLOSING SESSION:</b> DR. TONIO SANT, CHAIRMAN, ISE                                                                                                                                                                                            |

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