



Sustainable Energy 2016: The ISE Annual Conference

4 October 2016, The Auditorium, Old University Building, Valletta, Malta

PROGRAMME: Tuesday 4 October 2016

08:30 – 09:00 **Registration**

09:00 – 09:15 **Opening Session**

Prof. Emmanuel Sinagra, Chairman, Institute for Sustainable Energy, University of Malta
Prof. Luciano Mule' Stagno, Director, Institute for Sustainable Energy, University of Malta
Her Excellency Ms Jane Lambert, Australian High Commissioner

Session 1: Prof. Emmanuel Sinagra – Chairperson

09:15 – 10:00 Presentation 1: Keynote Presentation – History and Future Trends of Photovoltaics, Scientia Professor Martin A. Green, University of New South Wales, Australia

10:00 – 10:30 Presentation 2: Thin Film Cl(G)S PV Modules: Results from Monitored Installations and Comparison Tests, Simone Vernizzi, Solar Frontier Ltd, Japan

10:30 – 11:00 **Coffee Break (Visiting Stands and Poster Session)**

Session 2: Prof. Manfred Weissenbacher – Chairperson

11:00 – 11:30 Presentation 3: Solar Cooling at the Oenology and Viticulture Research Centre, Buskett, Malta, Robert Ghirlando, Simon Fabri, Joseph Agius, Redeemer Axisa and Roberta Vella, Institute for Sustainable Energy, University of Malta, Malta

11:30 – 12:00 Presentation 4: Investigating Crystalline Silicon Cell-based Solar Photovoltaic Module Degradation in the Maltese Climate, Carl Fenech, Institute for Sustainable Energy, University of Malta, Malta

12:00 – 12:30 Presentation 5: Innovation in Ventilated Tiled Roofs: the HEROTILE European Project, Michele Bottarelli, Marco Bortoloni, Giuseppe Dino, Giovanni Zannoni, University of Ferrara, Italy

12:30 – 13:00 Overview of the Institute's Research Activities, Luciano Mule' Stagno, Director, Institute for Sustainable Energy, University of Malta, Malta

13:00 – 14:00 **Lunch (Visiting Stands and Poster Session)**

Session 3: Prof. Luciano Mule' Stagno – Chairperson

14:00 – 14:10 The role of PV systems in reaching Malta 2020 RE target, Daniel Azzopardi, CEO SEWCU

14:10 – 14:40 Presentation 6: Analysis of a Cold Store Integrated with Phase Change Material, Gulenay Alevay Kilic, Enver Yalcin, Ahmet Alper Yaldin, Istanbul Technical University, Turkey

14:40 – 15:10 Presentation 7: ZeroCO₂ Buildings – How Low Can we Go: A Case Study of a Small Hotel in Gozo – Malta, Damien Gatt and Charles Yousif, Institute for Sustainable Energy, University of Malta

15:10 – 15:40 Presentation 8: Parametric Analysis of a Novel Offshore Platform with Integrated Energy Storage Operating in Central Mediterranean Waters, Daniel Buhagiar, Tonio Sant, Department of Mechanical Engineering and Robert N. Farrugia, Institute for Sustainable Energy, University of Malta, Malta

15:40 – 16:10 Presentation 9: The Use of Dry Coolers for Sustainable Mould Cooling in Malta, Keith Tanti, Paul Refalo, Department of Industrial and Manufacturing Engineering, University of Malta, Malta

16:10 – 16:20 **Closing Session: Prof. Luciano Mule' Stagno**