

World Congress on Sustainable Technologies

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Workshop

Workshop: Sustainability, Technology and Society ~~AAAA~~
(Organisers: Terence Goh)

Sessions

Session 1: Sustainable Technologies ~~***~~*

Nuclear Power for the Vision 2030 of Abu Dhabi and Improvement of Air Quality ~~AAAAA~~
(Abdul Hasib Siddique, Lisa Ann Lamont, Heba Khaleefa Al Bloushi)

Energy Regeneration from Decelerating Vehicle ~~AAAA~~G
(Owais Chishty, Wim J.C. Melis)

Automated Processing and Uninterrupted Supply of Hydrogen: A Road Map of Future Green Energy ~~AAAA~~î
(Gyan Ranjan Biswal, R. P. Maheshwari, M. L. Dewal)

Energy Gathering by Micro Turbines for Low Voltage Appliances ~~AAAA~~F
(Duong Minh Bui, Wim J.C. Melis)

The Role of Accessibility in Energy and Waste Saving ~~AAAA~~G
(Mireia Ferri Sanz, Estrella Durá Ferrandis, Jorge Garcés Ferrer)

Session 2: Green Computing ~~****~~ %

Interactive Shopping with Mobile Wallet ~~AAAA~~G
(Tooba Qasim, Sidra Siddiqui, Shafiq ur Rehman)

Storage-based Smart Grid Communication Framework ~~AAAA~~î
(Eduardo Vaz, Elhadi Shakshuki)

Experimental Setup of Wide Area Monitoring Using Zigbee IEEE 802.15.4 Technology and RF FM ~~AAAA~~ I
Technique
(Abdul Hasib Siddique, Dr. Braham Barkat, Dr. Majid Poshtan)

A Cybernetic Approach to Control Employee Attitude for Implementation of Green Organization ~~AAAA~~ J
(Anju Mishra, Anchal Garg, Saru Dhir)

Cell Phone Based Video Streaming System ~~AAAA~~ I
(Shafiq ur Rehman, Jane Coughlan)

Session 3: Sustainable Technologies

Multilayer Education for Sustainable Building: Retrofit with Renewable Resources Storage-based Smart Grid Communication Framework
(Eduardo Vaz, Elhadi Shakshuki)

Improved Cookstove Carbon Offset Project in Kenya: How a Single Technology Can Benefit Both the Environment and the Local Populations
(Fanny Joubert, Milena Begovic)

Integration of a Stand-Alone Photovoltaic Solar System into Gaza Strip Residential Buildings
(Omar S. Asfour)

An Examination of the Total Factor Energy Efficiency for Chinese Provinces (1999-2010)
(Jianing Mi, Nannan Yu, Feng Qiu)

Session 4: Sustainable Technologies

Comparison of Various Pretreatments of Wheat Straw for Biomethanation
(Meena Krishania, Virendra Kumar Vijay)

A Biophysical Evaluation of a MSW-to-energy System
(C.M.V.B.Almeida, S.H. Bonilla, B.F. Giannetti, G. S. Frimaio, C.C. da Silva)

An empirical study to investigate Oral health problems in Egypt: The Case of Alexandria University
(Hania EL Shoubashy, Rasha Abd EL Aziz)

Recent trends in E-waste research: A bibliometric map approach
(Filippo Corsini, Marco Frey, Francesco Rizzi)

Time Aspect of Information Stored On Windows Application Memory
(Funminiyi Olajide, Richard Trafford, Galyna Akmayeva, Charles Shoniregun)

On the Dither Persistence in the Extremum Seeking control Part I: ESC loop based on Band-Pass Filter
(Nicu Bizon, Mihai Oproescu, Marian Raducu)

On the Dither Persistence in the Extremum Seeking control Part II: Signal harmonics' persistence for large filtering pass band
(Nicu Bizon, Mihai Oproescu, Marian Raducu)

Posters

Nanostructured Materials for Silicon Solar Cells Grown by PECVD
(Abdulla Tahhan, Zahir Dehouche, George Fern)

Dye-sensitized Solar Cells: A New Benchmark for Electric Power Generation in Brazil
(D. A. Duarte, M. Massi, H. S. Maciel1, A. S. da Silva Sobrinho, T. S. Braga, R. S. Moraes, C. Stegemann)