Since commencing in 2014, more than 150 research staff and students were involved in the project. A significant human resource base for Hong Kong in the area of solar energy technologies was established by training and educating graduate students, postdoctoral research fellows, and local engineers through the execution of the project.

Smart Solar Energy Harvesting, Storage and Utilization. Login; Register; Top . Home; News; About. Welcome Message; (Long et al, 2017) was selected by the Advanced Energy Materials as the cover page (Volume 7 including those on smart grid economics. IEEE Communications Society Distinguished Lecturer, 2015 ??? 2018 (He has been renewed

Smart Solar Energy Harvesting, Storage and Utilization Funded by: Theme-based Research Scheme (TRS), Research Grants Council (RGC) Poster Display: Project Booklet: Exhibited Sub-projects: I. Energy Harvesting Device Optimization of CIGS Solar Cells: Highly crystalline large-grain size perovskite thin film crystals with good stability

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

Smart Solar Energy Harvesting, Storage and Utilization. Login; Register; Top . Home; News; About. Welcome Message; About Us; Abstract; Visit to State Key Lab of Clean Energy Utilization, Zhejiang University "Systems Materials Engineering Approach for Solar-to-chemical Conversion" by Prof. Peidong Yang. 26 Oct 2015. CUHK Energy Day 2015

Dr. Chang has more than 30 years of experience in the R& D and manufacture of the digital storage industries. He worked in IBM San Jose as Manager for the design, testing and application of Hard Disk Drive (HDD) magnetic recording head for 11 years.

Smart Solar Energy Harvesting, Storage and Utilization. Login; Register; Top . Home; News; About. Welcome Message; About Us; Abstract; Mission & Goals; Programme on Solar Energy: Organic Photovoltaics Energy System Analysis Center of Energy Research Institute, National Development and Reform Commission, Beijing, China

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

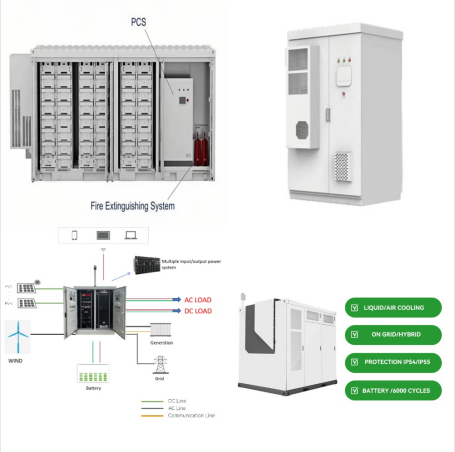
TRS Project Workshop for Smart Energy Distribution and Utilization 2018. Keynote Speech: Real-time Control and Optimization of Power Networks. Speaker: Prof. Steven Low, Division of Engineering and Applied Science, California Institute of Technology, USA

The TRS project participated in this visit which was co-hosted by the Institute of Environment, Energy and Sustainability (IEES). During the visit, Prof. Jimmy Yu, Co-Principal Investigator of Subtopic 3 (Alternative Solar Technologies) and Choh-Ming Li Professor of Chemistry of CUHK shared the project highlights with the visitors, followed by

Novel design of barrier layers for deposition of CIGS thin film solar cells on metallic substrates (CN201410203029.X) 2: Prof. Xudong Xiao, Department of Physics, CUHK. System and Method for Laser Scribing a Solar Panel and the Solar Panel (US 15/455376 ??? CN 201710141357.5) 3: Prof Shih-Chi Chen, Department of Mechanical and Automation CUHK

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

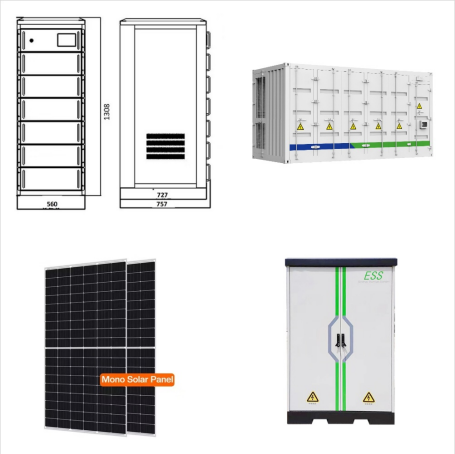
, we have been hosting / engaged as organizing committees in various events on energy-related technology. These activities aimed to share the most state-of-the-art energy technology development amongst the research community and other stakeholders such as the general public, the relevant industrial sectors and policy makers.



This chapter provides an introduction to solar energy harvesting and storage. Select 2 - Nanosolar cell technologies. Book chapter Full and the drastic fluctuation in the intensity of solar radiation concerns the sustainable use of continuous solar energy utilization. Thus storage is a must for almost all applications. The energy storage

Laser-processed graphene based micro-supercapacitors for ultrathin, rollable, compact and designable energy storage components. Nano Energy, 26: 276 - 285. DOI: 10.1016/j.nanoen.2016.04.045: 19 # 2016: Chao Xu, Jie Liao, Cheng Yang*, Ruozheng Wang, Dang Wu, Peichao Zou, Ziyin Lin, Baohua Li, Feiyu Kang & Ching-Ping Wong*

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS



Welcome to the homepage of the research project "Smart Solar Energy Harvesting, Storage and Utilization" (HK$60.33M) funded by the Research Grants Committee, Hong Kong University Grants Committee of the Hong Kong Special Administrative Region, under the Theme-based Research Scheme (Third round, 2013).

The TRS project "Smart Solar Energy Harvesting, Storage and Utilization" will participate in 2017 again, by showing the most update achievements of the project to the research community and other stakeholders such as the general ???

[Conference website] Date and venue: Mar 5-7 (Sat - Mon), 2016, The Hong Kong University of Science & Technology, Clear Water Bay, Kowloon, Hong Kong. Organic photovoltaic (OPV) cells have attracted much research interests from both academia and industry during the past two decades.

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

Funding source: University Grants Committee (UGC) Ampount of funding: HK$ 3 ??? 10 million from RGC (Another 30% matching fund from university, industry, non-governmental organisations, stakeholders or private donation)

, we have been hosting various events on energy-related technology. The workshop "TRS Project Workshop for Smart Energy Distribution and Utilization 2018" is an annual event of the Theme-based Research Scheme (TRS) project "Smart Solar Energy Harvesting, Storage and Utilization".The workshop will be in the format of invited speeches by prestige experts in the ???

RGC Visits the TRS Project "Smart Solar Energy Harvesting, Storage, and Utilization" of the Engineering Faculty. A 3-member delegation consisted of Prof. Paul Yu (Provost of the Revelle College, University of California, San Diego, USA), Prof. Edward Yeung (Distinguished Professor Emeritus in Liberal Arts and Sciences of Iowa State University of Science and Technology, ???

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

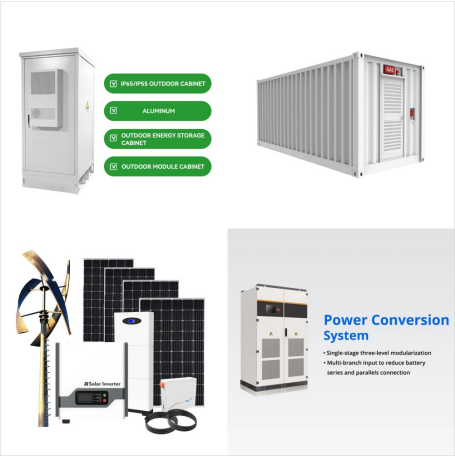
Harvesting: The development of thin film PV devices and modules to enhance the performance of solar harvesting; Storage : The design of highly performed electricity storage; Utilization : To enhance the performance and security of solar smart grid systems to better meet the electricity demand under various operating modes.

We were honored to have two keynote speakers Prof. Jean-Marie Tarascon (Chair of Chemistry of Materials and Energy, Coll?ge de France) and Prof. Jimmy Yu (Professor, Department of Chemistry, CUHK) and two invited speakers Prof. Sid Chi-Kin Chau (Assistant Professor, Department of EECS, Masdar Institute in Abu Dhabi, UAE) and Dr. Jimmy Tong

TRS Project Workshop for Smart Energy Distribution and Utilization 2018 Invited Speech: "Integrated Smart Energy Solution for Parks" Speaker: Eddie Wu, Director ??? Smart Energy China, CLP Power Hong Kong Limited. Date: 28 May 2018 (Monday) Time: 15:15 - 15:35

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

TRS Project Workshop for Smart Energy Distribution and Utilization 2018. Call for Poster / Demonstration Presentations [PDF Floor Plan for Poster / Demo Session] Registration for Poster / Demo Presentation: *Registration closed Best Poster Award Participants are encouraged to submit their posters.



The workshop aims to introduce to the community the current trends and future prospects of energy technologies. All faculty members and students are welcome to participate this energetic event. The workshop is an annual event of the Theme-based Research Scheme (TRS) project "Smart Solar Energy Harvesting, Storage and Utilization".

Smart Solar Energy Harvesting, Storage and Utilization Funded by: Theme-based Research Scheme (TRS), Research Grants Council (RGC) Poster Display: Exhibited Sub-projects: I. Energy Harvesting Device Optimization of CIGS Solar Cells: Highly crystalline large-grain size perovskite thin film crystals with good stability

SMART SOLAR ENERGY HARVESTING STORAGE AND UTILIZATION SMARTS

Smart Solar Energy Harvesting, Storage and Utilization. Login; Register; Top . Home; News; About. Welcome Message News 2016; News 2015; News 2014; News 2018 1 June 2018 TRS Project Workshop for Smart Energy Distribution and Utilization 2018 the team reported their innovative breakthroughs in various areas of solar energy technology

Felix Wu Distinguished Lecture in Power Systems - "Smart Distribution Systems: State-of-the-Art and the Future" 1 Dec 2015. BBC News: China's massive solar farm in Qinghai 23 Nov 2015. Seminar "Chemistry-enabled Nanostructure and Interfaces for Solar Energy Conservation" 8 Nov 2015. Prof. Jianbin Xu was awarded the Research Excellence Award ???