

## 2012 Taipei Power Forum-Electric Two-Wheeler Symposium

2012 Taipei Power Forum- Electric Two-Wheeler Symposium will be held on March 8 at Room 401 of Taipei World Trade Nangang Exhibition Hall during Taipei Cycle Show. The program will focus on the LEV global market, swapping battery business as well as the prevention and treatment of Li-battery accident. In order to meet the demand of international collaborators and to build a smooth communication platform, TPF will provide simultaneous both of Chinese/English translation. In the meanwhile, the TES e-scooters will be exhibited on booth N1214.

A local workshop for Taiwan electric scooter standards on March 9, which includes the experience of TES test, installation of swapping battery system as well as subsidy policy of Taiwan. Please check the website for more detail

<http://college.itri.org.tw/SeminarView1.aspx?no=54120001&msgno=308591>

Organizer:  **ITRI**  
Industrial Technology  
Research Institute



Taiwan External Trade Development Council, TAITRA



Taiwan Battery Association

Sponsor:



J.S POWER CO., LTD

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## 2012 Taipei Power Forum-Electric Two-Wheeler Symposium

- ◆ Date : March 8<sup>th</sup>,2012(Thur.)
- ◆ Place : TWTC NanGang Exhibition Hall Room 401  
(<http://www.twtcnangang.com.tw/?Lang=en-US>)
- ◆ Language: simultaneous translation both of Chinese/English.
- ◆ **Program Details:**

8 : 30 ~ 9 : 30	Check In
9 : 30 ~ 12 : 00	Opening
Session A	<p>Topic A1</p> <p>Creating E-Scooter Category in Taiwan: Challenges and Opportunities Speaker: Victor Ko / KYMCO</p> <p>Introduction: Taiwan is a scooter country but currently the market for e-scooters is very limited due to practical reasons. How would the situation likely be changed and what would the future be?</p> <hr/> <p>Topic A2</p> <p>The Indian market and experience sharing for electric two wheelers Speaker: Mr.Naveen Munjal of Hero Electric India</p> <p>Introduction: The speaker from Hero Electric the biggest electric vehicle seller in India will share the latest Indian LEV market as well as subsidiary program, national standard and regional regulations of India. In the meanwhile, Hero Electric is looking for overseas collaborators. You shall not miss this opportunity if you are interested in Indian LEV market.</p> <hr/> <p>Topic A3</p> <p>The Electric Two- Wheeler Market in Japan and Development of e-Power-train System Speaker: Hideaki Aoki / Panasonic Group</p> <p>Introduction: This topic will introduce the market and regulations of e-bike and e-scooter in Japan. In the meantime, The speaker will share the technologies development of e-bike as well as new power-train solutions for e-scooter in Panasonic Group.</p> <hr/> <p>Topic A4</p> <p>The Design Concept of Power Bank - EZiAccum Speaker: Oriya Fujita/JS Power Japan</p> <p>Introduction: Japanese watched the miserable state of the disaster victim by the Tohoku Earthquake and the confusion of Tokyo by the electricity shortage of the cause of the Fukushima nuclear plant accident.</p> <p>Then, realized the need of the securing of power supply. This topic introduces</p>

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the design concept and the prospects about the power bank -EziAccum.

12 : 00 ~ 13 : 00

Lunch & Visit TES E-Scooter Exhibition on N1214

13 : 00 ~ 15 : 00

Topic B1

Session B

Building Plan for Battery Swapping Service in Taiwan

Speaker: Jcke Ke /ITRI-MSL

Introduction: The battery swapping service has been proposed to solve the issues of short endurance, inconvenient charging service, high price with low performance and short life cycle of batteries for electric scooter. In this topic will present the building plan of battery swapping service, which combines that information from the government subsidies, user requirements, special issues in service construction and management information system of business model.

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Topic B2

Intelligent Management System for Electric Scooters

Speaker: Peter Chen./SYM

Introduction: Is it appropriate to adopt CANBUS as a protocol in electric scooters? The speaker from SYM will share how to achieve the intelligent management system for electric scooter through the CANBUS.

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Topic B3

The Development and Promotion Plan on Motor Vehicles by Penghu County

Speaker: Tseng-Hsin-Hui/ EPB Penghu County

Introduction: Except the NT8, 000/NT11, 000 TES subsidy program, Penghu residents have got an additional subsidy NT\$17,000 by government on each TES e-scooter purchase. What is the key driver despite the financial incentive? What policy has been implemented so that the limitation on e-scooters can be solved, the perception can be changed, and cross-industry co-operation can be settled? It is worthy to further investigate on the planning stage as well as its execution afterward.

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Topic B4

An Pilot Fleet Trial Program of Taiwan E-scooter with Open Energy Farm Infrastructure – E team Acting Program

Speaker: Dr. Kevin Lee/Pony Rental Company

Introduction: A novel business model with open energy farm infrastructure operated by E-team is introduced. With compatible batteries module, detachable contact and same CAN communication protocol, various TES qualified E-scooters can share the same Energy Farm Infrastructure. The goal is to provide more convenient, reliable and ecological business model and environment to attract more E-scooter uses at several selected urban area with

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market scale over 5K

15 : 00 ~ 15 : 20

Break

15 : 20 ~ 17 : 30

Topic C1

Session C

Efficient Battery testing: A practical approach in harsh environment

Speaker: Daniel Greiner/ eweco gmbh

Introduction: How can real life test be available in shortest possible time and with reasonable cost? In the speech will show how to use Electric Go Kart Racing as a platform for quickly gaining real life data from new battery technology and how to use this information in LEV application

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Topic C2

Safety Standard of Electric Vehicle Batteries (UL 2580) and Test Experience of Li-ion Batteries

Speaker: Alex Liang/ Underwriters Laboratories Taiwan

Introduction: The UL standard of electric vehicle batteries (UL 2580) will be introduced in this speech, which includes tests and compliance criteria. In addition, the experiences from the evaluation of Li-ion batteries and cells in portable devices will be shared.

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Topic C3

Prevention and Treatment of Li-Battery Accident

Speaker: Yung-Chuan Peng/ ITRI-MCL

Introduction: How to prevent and take care of the Li-Battery accident became a challenge due to not really understand the entire properties of Li- Battery. This topic will focus to introduce the properties of Li-Battery, and then lead to discuss the prevention and treatment of Li-Battery accident. The experience of real cases study will be presented and shared with each other.

17 : 30

The End

**2012 Electric Two-Wheeler Symposium  
Registration Application**

**By Fax: 886-3-5820039; By E-mail: [theresasuen@itri.org.tw](mailto:theresasuen@itri.org.tw) or [itri404456@itri.org.tw](mailto:itri404456@itri.org.tw)**

**Contact person: Theresa, Tel: 886-3-5916823; E-mail: [theresasuen@itri.org.tw](mailto:theresasuen@itri.org.tw)**

- ◆ **Place: TWTC NanGang Exhibition Hall Room 401**
- ◆ **Language: 3/8 simultaneous translation both of Chinese/English; 3/9 Chinese only**
- ◆ **Registration Fee(Currency NTD):**
- ◆ **Cancellation Policy: No refund after March 01,2012.**

DATE	3/8	3/9
Payment before 2/15	<input type="checkbox"/> \$3,000	<input type="checkbox"/> \$800
Payment before 3/2	<input type="checkbox"/> \$4,000	<input type="checkbox"/> \$1,200
After 3/3 & On site*	<input type="checkbox"/> \$4,500	<input type="checkbox"/> \$1,500
Free Options	<input type="checkbox"/> Vegetarian <input type="checkbox"/> Interpretation headset	<u>Chinese only</u> more detail: <a href="http://college.itri.org.tw/SeminarView1.aspx?no=54120001&amp;msgno=308591">http://college.itri.org.tw/SeminarView1.aspx?no=54120001&amp;msgno=308591</a>
<b>Total Fee</b>	<b>NT\$</b>	
Company		
Participant		
Address		
Phone/fax		
E-mail		
Date		

**Please select your preferred payment method:**

**Bank transfer:**(Please send the confirmation of bank transfer to [theresasuen@itri.org.tw](mailto:theresasuen@itri.org.tw))

Bank Name: Mega International Commercial Bank, Hsinchu Branch

Bank Address: 69 Tung Chien Street, Hsinchu, Taiwan, Republic of China

Swift Code: ICBCTWTP203

Account Number: 203-07-02288-0 ( for NT currency only )

Account Name: Industrial Technology Research Institute

---Please include the invoice no. or registration no. with payment to insure proper handling

**Credit card.** (Please sign back the authorization form below).

# Credit Card Authorization Form

## Personal Information

First Name:

Last Name:

Tel:

E-Mail:

## Register Information

Total: NTD \_\_\_\_\_

I authorize ITRI to charge the total payment fee indicated on this form to my credit card.

Card type:  VISA     MasterCard     JCB     American Express

Card No.: \_\_\_\_\_

Security Code: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ / \_\_\_\_\_ (month/year)

Card Holder Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Date:

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