



Exhibition Extra

2008 Taipei Int'l Invention Show & Technomart

Sept. 25-28

www.InvenTaipei.com.tw www.twtm.com.tw/2008tech

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Bulletin Board

Show Dates & Hours

Sept. 25-28 9:30-17:30

Exhibition Extra

Supervised by:

Ministry of Economic Affairs
Ministry of National Defense
Ministry of Education
National Science Council
Council of Agriculture

Hosted by:

Intellectual Property Office, MOEA
Industrial Development Bureau, MOEA
Department of Industrial Technology, MOEA
Small and Medium Enterprise Administration, MOEA
Bureau of Energy, MOEA
State-owned Enterprise Commission, MOEA

Organizers:

Taiwan External Trade Development Council
Industrial Technology Research Institute
Technology Transfer and Service Center

Publisher:

Taiwan External Trade Development Council
Exhibition section 6, Exhibition Department
Tel: (02)2725-5200 ext. 2226
Fax: (02)2729-1191

Editorial:

The China Post

Tel: (02)2596-9971
Fax: (02)2595-7962
Website: www.chinapost.com.tw

Awards handed out to honor achievements in invention

The Taipei Invention Awards, held alongside the Taipei International Invention Show and Technomart, were handed out in a ceremony yesterday, which kicked off with an acrobatic performance by Danceworks. After John Deng, Deputy Minister of Economic Affairs, offered words of admiration for the winners and encouragement for future inventors, the show proceeded to reward 118 gold, 118 silver, and 159 bronze medals to outstanding local and international inventors who attended the event.

Local inventors received 97 gold, 94 silver, and 123 bronze medals. Foreign exhibitors received a total of 81 awards. The decision was made by 37 local and international judges. The number of medals awarded is a 20 percent increase from last year.

This year, companies and inventors from 17 countries participated in the event. Nineteen schools had exhibited, almost double the number from last year.

Four special awards were given to outstanding achievement in spe-



cific categories. The lifetime achievement award honored inventors over the age of 80, the young-inventor award recognized the works of two youths age 15 and 16 respectively, and the "green" award went to the inventor of solar energy for home use.

In the four days of the conven-

tion, a total of 50,000 people turned up to explore the 795 stands that were showcased.

"To invent is not self-seeking; aside from the personal pleasure one experiences, innovative products also create leaders in civilization and can pioneer our country's economy," Deng said.

Energy conservation gains prominence

The Energy Technologies Pavilion at the Technomart displays impressive new technological innovations that aim to conserve energy and reduce carbon emissions. Most of these innovations are developed under the auspices of the Industrial Technology Research Institute (ITRI).

Chunghwa Telecom's Hinet featured its IENet circuitry architecture which provides an integrated electronic system that can efficiently control a room or building. The integrated nature of the system

means that when changes are detected in one aspect, appropriate action can be taken by the system. For instance if the door sensor registers that the door is open, then the air condition can be turned off.

The system allows for notification to be sent to a monitoring team when there is any emergency situation such as fire or gas leaks.

One of the featured ITRI inventions is Duck Image's fluid-driving lighting system which utilizes an inner turbine in the water pipes such as sprinklers, faucets or hoses to

supply LED light. The turbine is generated when water runs through the sprinkler and thus turns on the light. While this system can be used for lighting or decorative effect purposes, one of the more useful uses is to provide illumination for firefighters when installed in a fire sprinkler. This technology won a 2008 Germany RedDot Design Award for its design.

The ITRI also showcased its own car -- the Hybrid electric Vehicle (HeV) which can run by battery power or on both battery

and gas power. The battery generator is powered by energy provided from the gas engine when the car is running. At low speeds, the HeV runs wholly on battery power making it very energy-efficient for driving in Taiwan's city streets.

In addition to the car, the ITRI also displayed a rechargeable lithium battery for motorscooters which is recharged by connecting to a home's electric outlet. Lighter than a regular lead-acid battery typically used in most motorscooters, the lithium battery provides the same distance efficiency and improved acceleration and climbing through its high-power discharge.

Ho lauds synergy between Taiwan, int'l firms

The biggest breakthrough for the 2008 Taipei International Invention Show and Technomart, according to Rich Ho, president of the Taiwan Prominent Inventor Association (TPIA), is the synergy between Taiwanese and international companies.

Ho sees this as the prime chance for leaders in the field to interact on a personal level, where business relations can flourish. His only complaint is that four days of show is

much too short.

"The end of this exhibition is the beginning of us," he says, of all the companies exhibiting. "The contacts made here will last because the quality of the inventions speaks for itself."

Ho prides this year's Taiwanese inventions for their acute simplicity and enduring functionality. Among his list of notable products is the multi-purpose tape from Sun-Good Glue in Tai-Chung, which can stick



to surfaces such as glass and paper without leaving a residue or tear. This award-winning product is already in high demand overseas.

Taiwan inventors emphasize functionality: reporter



Attending the 2008 Taipei International Invention Show and Technomart for the first time is Yuka Ikematsu, Staff Editor of Nikkei Business Publications, Inc., who observes that Taiwanese inventors emphasize functionality in their creations.

"The inventions are very practical and target the use of everyday life," she says.

This is also Ikematsu's first visit to Taiwan. When visiting booths, she notes that everyone is very personable and kind in demeanor.

She is especially impressed by the good motives behind the inventions. "Taiwanese inventors are not purely concerned with making money. They really care whether their products are useful and if they improve the quality of life."

Ikematsu has covered similar

conventions in Japan. She notes that they differ from this one in the number of people that turn up. The Japanese put in "a lot of effort" because the exhibitions draw so many people.

Ikematsu suggests ways in which Taiwan can learn from Japan and boost public interest, such as making presentations more professional and lucid. She describes, "The Japanese inventors will make a larger model of a small product to show you the entrails."

Sept. 28 activities

11:00-11:30	New Product Announcement: Promore Environment & Energy Co., Ltd.
11:30-12:00	New Product Announcement: National Invention & Creation Award Pavilion
14:00-14:30	New Product Announcement: NANOWAVE PLUS CO LTD
14:30-15:00	New Product Announcement: SUN GO INDUSTRY CO., LTD
15:00-15:30	New Product Announcement: BIOION IFRD NANO ART
16:00-16:30	New Product Announcement: Water Origin Technology (Samoa)Co.,Ltd
17:00-17:30	New Product Announcement: Fong-Chyi Chang

Mexican visitor Pena impressed by device tracking swimmers

Agustin Pena, of Mexico, recently came to Taiwan to study Chinese. He visited the Taipei International Invention Show and Technomart, which happened to be taking place during his stay. Upon arriving, he was immediately impressed by a swimmer tracking device by Kai Nan High School of Commerce and Industry. The device, he said, did not look too fancy, nonetheless it was water-resistant and could be worn by swimmers, who could then be tracked by those on the shore.

The device, according to Pena, is a blessing for swimmers, especially those who just begin learning the sport.

Being a student himself, Pena felt connected to students who took part in the invention show. According to him, invention is an art for all ages, not just R&D professionals at firms.



Agustin Pena, left, poses with a student of Kai Nan High School of Commerce and Industry.

U.S. buyer impressed with various energy conservation inventions



Michael Steen, who works for Nike's Taichung branch, came all the way from central Taiwan to the Taipei International Invention Show and Technomart. He was surprised to find many carbon reduction and solar technologies at the show, and lauded Taiwan for being able to catch up with international trends.

Steen pointed out solar technologies he found at the show had different applications, and expressed his admiration for Taiwan for putting efforts in this field. He believes Taiwan will one day become a leader in the solar technology sector, just as it did in the IT and communications industries.

Steen came to Taiwan only six months ago, but has already gotten used to life in Taiwan. Stressing his amazement with the invention show, he said the exhibit will only grow bigger and bigger.