



# Exhibition Extra

2008 Taipei Int'l Invention Show & Technomart

Sept. 25-28

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

E-mail: invent@taitra.org.tw

**Bulletin Board**

**Show Dates & Hours**

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

**Exhibition Extra**

**Supervised by:**

Ministry of Economic Affairs  
Ministry of Education  
Ministry of National Defense  
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

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## Record attendance highlights this year's invention show

One might laugh to hear TAIPEI INVENT 2008 aims to reinvent the world, but they also laughed when they heard Bell was trying to invent the telephone.

But after TAIPEI INVENT 2008 -- also known as the 2008 Taipei Int'l Invention show & Technomart -- runs from Sept. 25 to Sept. 28, the world is certainly to be a better, more enlightened place. This year, hundreds of inventors from 19 counties will packed their latest breakthroughs into the TWTC Exhibition Hall I. They will represent the genius of nations as diverse as the U.S., Hungary, Russia, Brazil, Japan, Singapore, Korea, Australia, Thailand, and Romania. In addition there are also 168 domestic industrial and academic research institutions, and 414 domestic companies participating in the show. They alone will be using more than 900 booths and demonstrating more than 2,000 patented technologies and innovations.

Guaranteed show success is coming due to the huge number of collaborating organizers, namely the Ministry of Economic Affairs, Ministry of National Defense, Ministry of Education, National Science Council and Council of Agriculture. TAIPEI INVENT has been jointly



planned by the Intellectual Property Office, Industrial Development Bureau, Department of Industrial Technology, Small and Medium Enterprise Administration, Bureau of Energy, and State-owned Enterprise Commission, and facilitated by the authorized Taiwan External Trade Development Council (TAITRA), Industrial Technology Research Institute of Taiwan, and Taiwan Technology Marketplace.

TAIPEI INVENT covers every facet of human invention, technology, and patented products from the fields of information, communication, electronics, optoelectronics, machinery, automation, material and chemical engineering, biotechnology, medicine, food, agriculture,

industrial hygiene, environmental protection, transportation, resources, energy, and household electronic appliances. Many breakthroughs can be seen featured on a special stage on the main exhibition showground where more than 15 rounds of patented products displays and technology presentations are arranged for exhibiting manufacturers.

In addition, there are 11 technology forums and conferences taking place on the second floor of the exhibition hall concurrently. Meanwhile, multiple rounds of technological transfer and transaction contract signing ceremonies will also be arranged in the 12 theme pavilions in the Technology Innovation Pavilion and Technomart.

In the Competition Pavilion (hosted by the Intellectual Property Office of the Ministry of Economic Affairs), a total of 548 booths will be used by exhibitors from both home and abroad. As many as 357 domestic companies and individuals have signed up. Internationally, there are invention associations, inventors and manufacturers in related industries from 16 countries, including those from U.S., Korea, Australia, Spain, and Brazil.

The annual National Invention and Creation Awards organized by the Intellectual Property Office of the Ministry of Economic Affairs were completed last month (August). More than 300 works were entered to compete for the awards worth a total prize value of NT\$13.75 million. The awarded products comprised inventions, creation awards for individuals and contribution award for enterprises. Altogether there are 51 works of rated excellent patents and six corporations that have been rated major contributors.

To encourage all companies more access to new inventions, releases of patented products and interactive games will be organized at the stage area on the first floor of the TAIPEI INVENT 2008. And during the show technology trade meetings and professional forums will be unfolding in conference rooms on the second floor. For related information on the show, please visit <http://www.InvenTaipei.com.tw> and <http://www.twtm.com.tw/2008tech/>.

## Treasure hunt jazzes up Taipei INVENT 2008

This year's Taipei INVENT features not only innovative products but also a treasure hunt developed by the Technology Development Program (TDP) of the Ministry of Economic Affairs. Players will get questionnaires and go to the different pavilions to get the questions answered. In the end, they can exchange the completed questionnaires for a gift.

The treasure hunt can be played throughout the duration of the show from Sept. 25 to 28. A total of 2,500 questionnaires will be handed out, with 800 handed on the first day, 500 on the second day, and 600 on each of the third and fourth days. The questionnaires will be handed out from 9 to 10:30 a.m. and from 1:30 to 3 p.m. everyday during the show.

Those interested in playing the game may go to the TDP area of the show and get a questionnaire, and will be given an RFID

transmitter that the player can put on. The player should follow the questions on the survey and go to the different pavilions to get the answer. In the process the RFID device will record the places the player has gone to. After the player completes the survey, he or she may get a gift for taking it.

Some of the questions on the survey may be easy but some are harder, for example: Is AC-LED run by direct current or alternate current? To answer these questions the player may need to seek the advice of experts at the pavilions.

Pavilions under the TDP include the Industrial Technology Research Institute, Institute for Information Industry, Development Center for Biotechnology, and Taiwan Textile Research Institute. They should have no problem giving out answers, as they were the ones who came up with the questions.

## Technomart pavilions

No.	Name	Company
D0	Alliance of Innovation in Traditional Industry	Stone Industries Development Center · Precision Machinery Research & Development Center · Automotive Research & Testing Center · Printing Technology Research Institute · Footwear & Recreation Technology Research Institute · Plastics Industry Development Center · United Ship Design & Development Center · Pharmaceutical Industry Technology and Development Center · Cycling & Health Tech Industry R&D Center
D1	Ministry of National Defense	Ministry of National Defense
D2	III Innovative Technologies & Applications Pavilion	Institute for Information Industry
D3	Alliance of Innovation in Traditional Industry Metal Industries	Research & Development Centre · Development Center for Biotechnology · Food Industry Research and Development Institute · Taiwan Textile Research Institute
D4	Agricultural Pavilion	Council of Agriculture, Executive Yuan, R.O.C.
D5	Innovative Technologies	Industrial Technology Research Institute
D6	Energy Technologies Pavilion	Bureau of Energy, Ministry of Economic Affairs
D7	Innovative Technologies of National Science Council	National Science Council
D8	State- Run Enterprise Hall	State-owned Enterprise Commission
D9	Ministry of Education	Ministry of Education
C0	International Marketplace	Industrial Development Bureau, Ministry of Economic Affairs
C1	Small and Medium Enterprise Hall	Small and Medium Enterprise Administration, Ministry of Economic Affairs R.O.C.

### Sept. 25 activities

Time	Activities
10:00-11:40	Opening ceremony
14:00-14:30	Stage activity
15:00-15:30	Product announcement - E.JIUN ENTERPRISE CO., LTD.
16:00-16:30	Product announcement - CHIAN LIH LIGHTING
17:00-17:30	Product announcement - TWOMCO., LTD

# Products recognized with national awards featured

A smart name card storage device, an optoelectronic acceleration meter, a vacuum labeling machine ... these are among the products that won a National Invention and Creation Award, held in conjunction with the 2008 Taipei International Invention Show and Technomart (Taipei INVENT 2008).

According to show organizers, a total of NT\$13.75 million in cash prizes will be given out to the winners, with NT\$450,000 being the highest individual prize available.

A total of 51 individuals and six

entities were honored with the awards, aiming to spur innovation and creativity from inventors. The awards were handed out in three categories: Best Inventions, Best Creativity and Best Contributions. A total of five gold medals and 10 silver medals were handed out in the Best Inventions category, while nine gold medals and 27 silver medals were given out in the Best Creativity category.

Some 300 participants submitted their entries, with 239 selected into the final round. Of them, 152 were for the Best Inven-

tions category, 74 for the Best Creativity category, and 13 for the Best Contributions category. The entries were divided further into various subcategories, with the "machinery" subcategory seeing the most entries of 64, followed by 59 for the "daily products/land engineering/medical products" subcategory.

According to the judges, many of the winning products have practical applications in the everyday life. Some have been commercialized and used in the industrial sector. Others, meanwhile, are environmental friendly and reflect the

global trends of using green products.

In the Best Inventions category, there are five gold medal winners, namely a smart name card storage device, a special switch, an optoelectronic acceleration device, a vacuum labeling device, and a liquid-crystal measuring device. All of them are highly innovative and have won the business and trust of commercial partners.

Among the nine gold medal winners in the Best Creativity category are smart phones and light-emitting signage.

A total of six entities won the Best Contribution awards this year, namely eMemory Technology Inc., Hon Hai Precision Industry, HTC, Delta Electronics Inc., Taiwan Textile Research Institute, and Hiwin, as these companies or organizations have placed a strong focus on patenting and research and development, and have demonstrated a strong commitment to helping inventors commercialize their products.

All of these winning products will be on display at Taipei INVENT, which provides a platform for inventors to discuss business opportunities and technology transfer issues with potential partners. The show is held from Sept. 25 to 28 and is open to the public for free. The public is welcome to attend the show and look at the amazing products and gadgets coming from the island's top-notch inventors.



## Teresa Liang The "smart" cap

**Booth:  
1225**

The cap is designed to have two separable layers. Coolants or thermo pack can be placed in between the layers to either cool off the head and reduce the risk of getting heat stroke in summer or keep the head warm during winter season.

The "smart" cap can be effortlessly assembled by zipping up both layers -- the outer and inner layer. Hence, it is readily convenient to replace the inside materials (coolant/thermo pack) and keep the temperature in control. Another practical feature of the "smart" cap is that one can switch it to different outlook for attending different occasions, simply by changing the outer layer into different fashion. The divisible (double-layer) feature of the "smart" cap enhances its practicality and functionality as it nonetheless keeps one's budget down.

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## ID Print and Design Co., Ltd ECO Cardboard Chair & Table Set

The paper seat uses only two cardboard pieces that are easily assembled. It can sustain 150 kilograms of vertical weight on the surface. Also the package material forms part of the paper table. Nothing is dropped away when using this product. No damage to the environment because all of them are 100% recyclable at the same time.

Five chairs and one table are contained in a 70x30x10cm cardboard box. The cardboard box is small and light for carrying. The paper chairs are very useful when going out for a picnic, BBQ, or even for outdoor concerts. The whole set is recyclable as well as printable. You can print anything on them for advertisement.

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## Ministry of National Defense Solid-state photocatalyst solar cell

### Technical overview:

The solid-state photocatalyst solar cell is a major achievement of the Chung-Shan Institute of Science and Technology. The product combines nanotechnology and optimized materials, resulting in the enhancement of the cell's performance. The cell

transforms solar energy into electrical energy and may be incorporated into building materials and outdoor products to suit the global trend of environmental protection.

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## Precision Machinery Research & Development Center Guidance robot

### Product functions:

- Laser map establishment
- Laser positioning
- Remote-site monitoring
- Display of emotions
- Arms and head structures
- Laser-based human foot recognition
- Self-programmable

### Applications:

Robot may provide services such as public reception, tour guidance and presentation of products and may be used at science museums, galleries and other public space.

### Market potential:

Service robotics is a new, emerging



market. Data suggest global service robotics will reach production of NT\$600 billion by 2010, with applications in the home appliance, security, caretaking and toy industries.

## Taipei INVENT 2008 seminars

Date	Time	Event	Organization	Venue
Sept. 25	Afternoon	Briefing on III' s 2008 patenting policy	Organizer: Institute for Information Industry	TWTC Conf. Rm. 2
	13:00~16:55	International technology transfer seminar	Supervisor: Industrial Development Bureau Organizer: TWTM	TWTC Conf. Rm. 3
	13:30~16:40	Seminar on CO2 freon applications	Supervisor: Bureau of Energy Organizer: ITRI	TWTC Conf. Rm. 4
	9:00~12:15	Briefing on int' l technology transfer	Supervisor: Industrial Development Bureau Organizer: TWTM	TWTC Conf. Rm. 2
Sept. 26	9:00~12:00	Presentation on biotech R&D service platform	Organizer: Development Center for Biotechnology	TWTC Conf. Rm. 3
	9:20~12:00	Presentation on SME technologies	Supervisor: Small and Medium Enterprise Administration Organizer: ITRI	TWTC Conf. Rm. 4
	8:30~10:50	Seminar on polyester materials applications	Supervisor: Industrial Development Bureau, Department of Industrial Technology Organizer: Plastics Industry Development Center	TWTC Conf. Rm. 5
	13:30~16:00	Seminar on venture capital and entrepreneurship	Supervisor: MOEA Organizer: Intellectual Property Office, Taiwan Private Equity & Venture Capital Association	TWTC Conf. Rm. 2
	14:00~17:00	An introduction on U.S. patenting and ways to respond to lawsuits	Organizer: Department of Industrial Technology Co-organizer: TWTM, APIPA	TWTC Conf. Rm. 3
	13:00~14:15	Presentation on SME technologies	Supervisor: Small and Medium Enterprise Administration Organizer: ITRI	TWTC Conf. Rm. 4
	13:00~16:20	Optoelectronic technologies patenting seminar	Supervisor: Industrial Development Bureau Organizer: TWTM	TWTC Conf. Rm. 5