



National Science and Technology Fair (NSTF) 2012

Background

Since 1986, the Thai cabinet has approved August 18th to be the National Science Day to commemorate His Majesty King Mongkut as the “Father of Thai Science”. In 2001, the cabinet has approved October 19th to be the “Thai Technology Day” in commemoration of His Majesty King Bhumibol who is honored as the “Father of Thai Technology.” From those times on, the celebrations of National Science Week and Thai Technology Day have been organized in August and October consecutively every year by the Ministry of Science and Technology in cooperation with other related agents both in public and private sectors.

Thailand largest science and technology annual festival “**National Science and Technology Fair (NSTF) 2012**” which consist of exhibition, edutainment experience, and seminar. To promote public understanding and awareness of science and technology to Thai young people.

The fair was a great success with more than 1 million visitors visiting the event at Bangkok International Trade and Exhibition Center (BITEC) in Bangkok. The area for the event was approximately 42,000 sq.meter and there were exhibitions and activities from 7 ministries, 29 agencies from universities, 3 major science societies, 6 private enterprises, and more than 14 agencies from 7 countries.



NSTF 2012

Goal:

To promote public understanding and awareness of science and technology to Thai people

Objectives:

1. To honor the two Kings of Thailand for Their Majesty's talents and initiations in the development of science and technology : His Majesty King Mongkut as the "Father of Thai Science" and His Majesty King Bhumibol as the "Father of Thai Technology"
2. To promote and disseminate information about research, development and advancement in Thai and international science and technology society
3. To promote public and young people's interest of science and technology.
4. To provide experiences and wide perspectives in science to encourage learning, understanding and career in science and technology among youth.



Characteristic of the event:

Thailand largest science and technology annual festival which consist of three major activities; science and technology exhibition, edutainment science experience, and science seminar

Venue:

- Bangkok International Trade and Exhibition Center (BITEC), Bang-Na, Bangkok
- Total exhibition space : 42,000 square meter

Date:

August 17-31, 2012

Press and Public: Aug 17; 9.00 – 20.00 hrs.

Opening Ceremony: Aug 22 (for invited only)

Public days: Aug 17-21, 23 -31; 9.00 – 20.00 hrs.

Expected Visitor Number:

1,200,000 visitors

Scope of Activities



Exhibition and Activity Pavilion: 9 sections

1. Royal Pavilion: To honor his Majesty's King Bhumipol, His Majesty's initiatives and involvement in science and technology for environment and sustainability of the natural resources will also be introduced in this section. Moreover, there are also consisted commemoration 80th birthday of Her Majesty Queen Sirikit and 60th birthday of His Royal Highness Crown Prince Maha Vajiralongkorn.



2. The Thematic Exhibition: developed particularly for the year to promoting the awareness of current science and technology issues of Thailand and the world. The theme of this year will be around the issue of

- **Mathematic**

To celebrate 100 years of Alan Turing who was highly influential mathematician, logician, cryptanalyst and computer scientist. This pavilion also is included demonstration of basic mathematic to apply knowledge in technology and digital development for Thai youth.

- **Water Management**

This pavilion will indicate how importance of water and the relation between Thai culture and the river. Plus, present water situation, technology and water management in Thailand will be presented.

- **Earth and Universe**

This pavilion will indicate basic knowledge in universe science to make understanding to public with "the Believe in 2012". Plus, there are other universe sciences which will be presented such as aeromagnetic, earth core, law of gravitation and sun storm.

- **Disaster**

This pavilion will indicate awareness of natural disasters with interactive demonstration, preparations before disasters and handle with worse situations.

- **Green Innovations**

This pavilion will indicate demonstrated town which were consisted environmental inventions and eco-system.

- **Food and Health**

This pavilion will indicate the benefit nutrient of the local vegetable and adaptation Sufficiency Economy of His Majesty the King Bhumibol in nutrient way.

- **Sultan of Science**

This pavilion will indicate timeline of Middle East Science which was the beginning of nowadays sciences and technologies.

- Activities for youth

The activities that were prepared excitement and funny science activities to let Thai youth experience in direct way and promote a good attitude with science and technology.

- Science Lab
- Kid's Zone
- Main activities stage
- Science contest and Science toys
- Science project showcase
- Science Theater



3. Ministry Pavilion:

Consists of 7 ministries including

- Ministry of Science and Technology (with 16 organizations under its umbrella)
- Other Ministries namely ; Ministry of Defense, Ministry of Energy, Ministry of Agriculture and Cooperatives, Ministry of Transport, Ministry of Education, Ministry of Public Health

4. International Pavilion:

Science and technology advancement more than 14 agencies from 7 countries such as; China, Japan, Korea, Russia, United Kingdom, German and Australia

5. University Pavilion: 29 agencies from universities/academic institutions

6. Science Associations: 3 organizations

7. Private Enterprises: 6 Enterprises

8. Activity for Youth Zones

9. Academic Conference/Seminar/Workshop:

Presentation of expert scientists, discussion and knowledge sharing on science and technology development and trainings for science professional development.

Benefit for each group of target audience



1. Students and youth : Gain new experience, inspiration and new knowledge of science
2. General Public : understand and learn new things about science as well as realize the importance of science which leads to a better attitude towards science
3. Family : Quality and educational family activity that the whole family can enjoy
4. Scientist and researcher: exchange of views and experience in the advancement of science and technology among Thai and international scientists. A great opportunity to meet and talk to research fellows from other organizations
5. Businessman / Business operator : New ideas and information for product development and manufacturing improvement

