



## Taiwan

### Formosa (beautiful island)

Formosa is what the Portuguese called Taiwan when they came here in the 16th century and saw the island's verdant beauty.

Located along the southeast coast of the Asian Continent at the western edge of the Pacific Ocean, between Japan and the Philippines and right in the center of the East-Asian island arc, Taiwan forms a vital line of communication in the Asia-Pacific region. It covers an area of approximately 36,000 square kilometers (14,400 square miles) and is longer than it is wide. Two-thirds of the total area is covered by forested mountains and the remaining area consists of hilly country, platforms and highlands, coastal plains and basins. The Central Mountain Range stretches along the entire country from north to south, thus forming a natural line of demarcation for rivers on the eastern and western sides of the island. On the west side lies the Yu Mountain (Yushan) Range with its main peak reaching 3,952 meters, the highest mountain peak in Northeast Asia.

## Taipei City

The cultural kaleidoscope of Taiwan's capital city pulses wherever you go.

Incense-veiled temples dating back to dynastic times blend seamlessly with a neon street life of a decidedly more modern era. Taipei has dozens of world-class restaurants where gourmets can sample the best regional Chinese cuisines; and for the gourmand, there are plenty of night markets serving up scrumptious evening snacks in an environment of chaotic excitement and fun.

Whether you are just stopping over en route to another Asian destination, or planning a longer stay, Taipei is a multi-faceted treasure that will call you back again and again.



### Traveling to Taipei

From Taiwan Taoyuan International Airport (CKS) to Taipei

#### High-Speed Rail

You can catch the 705 bus to the Taoyuan high-speed rail station from either Terminal 1 or 2.

#### Airport Buses

The terminal 1 bus platform is located on the southwest side of the first-floor arrival lobby. The terminal 2 bus platform is located on the northeast side of the first-floor arrival lobby. The trip takes approximately one hour.

### Information on the web

#### Taipei City

<http://www.taipeitrip.net/en/>

#### Taipei International Convention Center (TICC)

[http://www.ticc.com.tw/index\\_en.aspx?lang=en-us](http://www.ticc.com.tw/index_en.aspx?lang=en-us)

# SETC 2013

## 19<sup>th</sup> SMALL ENGINE TECHNOLOGY CONFERENCE

# CALL FOR PAPERS

**Oct 8<sup>th</sup> - Oct 10<sup>th</sup>, 2013**

**Taipei International Convention Center (TICC)  
Taipei, Taiwan**

### Due Dates

**Abstracts due: Jan 28, 2013**

**Draft Manuscripts due: April 1, 2013**

**Final Manuscripts due: July 1, 2013**



**SAE International**

**SAE International Taipei Section**

**SETC  
2013**

SETC 2013 SECRETARIAT  
Society of Automotive Engineers of Japan, Inc  
10-2 Goban-cho, Chiyoda-ku, Tokyo 102-0076, Japan  
Tel : +81-3-3262-8214 Fax: +81-3-3261-2204  
E-mail : SETC2013@jsae.or.jp

## Foreword

JSAE, Society of Automotive Engineers of Japan, announces that the 19th Small Engine Technology Conference (SETC) will be held in Taipei from October 8 to 10, 2013. JSAE and SAE International jointly sponsor the Conference with the support of SAE International Taipei Section of Taiwan, Japan Land Engine Manufacturers Association (LEMA) and Japan Boating Industry Association (JBIA).

JSAE encourages researchers and engineers in a diversified field of small engine technology to submit their papers to the Conference and participate in it to exchange their ideas. This will contribute to meeting key persons and sharing new technological information.

Plenary session, Exhibition and Technical visit will be planned for enlarging your experience.

Academic exhibition linked with technical activity will be also planned to support presentation of work in progression various fields.

## Main Subject Areas

Product categories focused in this conference are;

**Vehicles with power source** such as ATV, Motorcycles, Scooters, Personal Mobility, Marine, Snowmobiles, Recreational Vehicles, Utility Vehicles, Power Assist Devices, Power Assist Bicycles and Unmanned Vehicles except Automobiles, Large Vessels, Large Aircraft, Locomotives and Spaceships.

**Machineries with power source** such as Snow Removal Equipment, Portable Power Generators, Agricultural Equipment, Garden Equipment, Hand Tools and Powered Exoskeleton.

Technologies applicable for the products above are to be presented in this conference.

Technological areas focused in this conference are;

**Combustion Engines** such as 4 stroke Engines, 2 stroke Engines, SI Engines, Diesel Engines, HCCI Engines, Unconventional Engines, Competition Engines and Sport Engines.

**New Energy Sources** such as Hybrid Drive, Electric Drive, Fuel Cells and Solar Cells.

**Components** such as chassis, Suspensions, Brakes, Transmissions, Drivetrains, Electrical Systems, Electronic Systems, Fuel Supply Systems, and Wheels and Tires.

**Development Technologies** such as Numerical Simulations, Measurements and Production Technologies.

**Fuels & Lubricants** such as Alternative Fuels, Fuel Reformations, Additives, Tribology, Friction Loss and Wear.

**Vehicle Technologies** such as Dynamics, Handling, Drivability, Safety, Human Factors and Ergonomics.

**Environmental Impacts** such as Noise, Vibration, Emissions, Aftertreatment and Life Cycle & Recyclability.

**Materials** such as Composites, Metal Alloys, Heat & Surface Treatment, New Material and Material Processing.

## Abstracts Submission

### 1. Language

The papers should be written and presented in English. No simultaneous translation will be provided.

### 2. Papers

The papers should be applications oriented. No paper will be accepted without a presentation at the Conference.

### 3. Submission of Abstracts

Abstracts of 300 to 500 words are to be sent to JSAE via Website.

<http://www.setc-jsae.com/>

The abstracts should include:

- A tentative paper title
- Authors and co-authors (full names, affiliations, mailing address, e-mail address, telephone and fax numbers)

Each abstract should clearly state:

- The main issues and conclusions
- The process by which the conclusions were reached
- The significance of the work to progress of the relevant engineering area

The authors should prepare their papers in hard metric (SI) units. Material of a purely descriptive nature or material containing commercial publicity will not be considered. Final manuscripts should make a contribution to the state-of-the-art technology or present a comprehensive review, be of high technical quality with conclusions supported by technical data.

## Due dates

**Abstracts due: January 28, 2013**

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## Exhibition, Advertisement and Sponsorship

In conjunction with the technical program, suppliers from all aspects of the small engine industry will have the opportunity to display products and services appropriate for this targeted audience. Advertisement pages are available in the Preliminary program. Also, sponsorship programs for the Welcome Reception or other events will be prepared.

