

## Get to know TSAE

TSAE was established on February 14, 1997 by a group of engineers, academicians, scientists, and people involved in the automobile industry from state enterprises, public and private sectors. They are interested in the development of technology and research in the automotive fields and also in the development of automobile industries in Thailand

## Get to know TAIA

The Thai Automotive Industry Association (TAIA) has established since 1981 with over 29 years of history in Thai Automotive Industry. We aim to cooperate between the Industry and government agencies as well as international organizations for the enhancement of sustainable growth of the automotive and auto-parts manufacturing industries, and the development of the economy of Thailand. We have 134 company-members, which consist of car manufactures, motorcycles and part-makers, in order to strengthen the Thai industry to be able to compete in global.

## Bangkok International Motor Show

Armed with years of experience in the automotive industry, the Grand Prix Group which was spearheaded by Prachin Eamlumnow introduced the Motor Show 1979. The year 2006, the Bangkok International Motor Show was officially recognized as part of the international calendar of major motor shows all over the world by OICA. Since then, the Bangkok International Motor Show has been continuing its great success through present.



## Thai Automotive Industry

The Thai Automotive Industry has gradually developed over the past 40 years. By the end of year 2009, there are 15 automotive manufacturers from Japan, India, South Korea, United States and Europe. The total production capacity is 1,800,000 vehicles per year. There are 7 manufacturing plants for motorcycles, with a total production capacity of 2,800,000 motorcycles per year. There are approximately 1,800 part-makers supporting this industry.

## Bangkok

Bangkok is Thailand's capital in every sense. It is here where the Royal Family resides, it is the seat of government and administration, and it is the focal point for virtually all major industry, commercial and financial activity. It is the country's main port and home to one tenth of the Kingdom's population. Bangkok is also the country's principal gateway and prime tourist attraction.

Weather: Thailand is located in the humid tropics and remains hot throughout the year. Average temperature is about 32 °C in April.

## Tentative Program March 28 - April 1, 2011

Day	Morning	Afternoon	Evening
M. 28	Opening Keynote Plenary	Technical Session (English)	Reception
T. 29	Technical Session (English)	Technical Session (English)	
W. 30	Technical Visit	Cultural Tour	
	Technical Session (Thai)	Motor Show	
Th. 31	Technical Session (Thai)	Motor Show	
F. 1	Technical Session (Thai)	Motor Show	
	Auto Challenge (Thai)		



The 7<sup>th</sup>  
International Conference  
on Automotive Engineering

ICAE-7

Call for Papers

Green Technology  
for Future Vehicles

March 28 - April 1, 2011  
Challenger, Impact, Muang thong Thani,  
Bangkok, Thailand

## Introduction

ICAE (International Conference on Automotive Engineering) was held in Thailand since 2002 at Bangkok International Trade & Exhibition Center (BITEC) with the collaboration of TSAE (Society of Automotive Engineers - Thailand), TAIA (Thai Automotive Industries Association) and Grand Prix International Motor Show. Since then, the Conference have been held every year with speakers from Government Enterprise, University, Auto Industries, Parts Industries and Students from Competition in Auto Challenge - Student Formula

## Major Activities

1. Opening ceremony & keynote speech
2. Panel Session
3. Technical Sessions
4. Attend Bangkok International Motor Show

## Theme of ICAE – 7

Green Technology for Future Vehicles

## Subject Area

- 1. Environmental / Safety Technology**  
Emission, Greenhouse Effect,  
Carbon Credit, Power Efficiency
- 2. Design / Comfort**  
Engine, Power Train, Body, Materials,  
Components, Battery, EV, HEV, Fuel Cell
- 3. Manufacturing**  
New Process, Machine & Tools, Mold & Die,  
Lean Manufacturing, Fuel Technology
- 4. Others**  
Alternative Fuels, E85, Biodiesel, FFV  
ITS, Electronic & Electrical Systems,  
Control System, ECU, Sensor, Testing

## Chairman of ICAE – 7

H.E. Air Chief Marshal Kamthon Sindhavananda  
Privy Councilor

## International Committee

Mr. Yumiko Kato (JSAE)  
Prof. Du Quoc Thinh (VSAE)  
Ir. Hasiholan Sidabutar (SAE-Indonesia - IATO)  
Prof. Harry Watson (SAE-Australasia)  
Prof. Takashi Kitahara (TAIST)

## Chairman of Organizing Committee

Assoc. Prof. Phulporn Saengbangpla  
Honorary President of TSAE

## Chairman of Operating Committee

Ms. Piengjai Keawsuwan  
President of TAIA

## Chairman of Technical Committee

Asst. Prof. Dr. Kaurkeart Boonchukosol  
President of TSAE

## Chairman of the Bangkok International Motor Show

Dr. Prachin Eamlumnow  
President of Grand Prix International Co., Ltd.

## ICAE Secretariat

Asst. Prof. Dr. Wittaya Wannasuphprasit  
Dr. Urith Archakositt  
Committee of TSAE



## Paper Abstracts

Abstracts should be about 300 words in English including

- Paper Title
- Subject Area
- Author's Name
- Author's Affiliation
- Contact Address
- Tel. No., Fax. No., and Email Address

## Time Table

Abstract Due (Extended)	January 25, 2011
Notification of Acceptance	February 14, 2011
Manuscripts Due	March 14, 2011

## For more Information : Contact

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## Registration fee :

Delegate	฿ 5,000
Delegate (Non-OECD countries)	฿ 3,000
Accompanying Person	฿ 1,800
TSAE Member	฿ 2,000
Student	฿ 1,000

## Payment Method:

Bank Transfer I have remitted ฿ .....

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To the following bank on the date of ( / / )

Name of Bank: Siam Commercial Bank,  
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Swift Code: SICOTHBK  
Account Holder: Society of Automotive Engineers -Thailand