



The 21st Small Engine Technology Conference

Call for Papers



Society of Automotive Engineers of Japan, Inc.



Osaka International Convention Center
(Grand Cube Osaka) (CC)Her architecture

VENUE : Osaka International Convention Center (Grand Cube Osaka)

PERIOD : November 17 to 19, 2015

DUE DATES

Abstracts due: January 31, 2015

Draft manuscripts due: April 30, 2015

Final manuscripts due: July 31, 2015

FOREWORD

JSAE, Society of Automotive Engineers of Japan, is pleased to announce that the 21st Small Engine Technology Conference (SETC) will be held in Osaka, Japan from November 17 to 19, 2015.

The conference is jointly sponsored by JSAE and SAE International with the support of Japan Land Engine Manufacturers Association (LEMA) and Japan Marine Industry Association (JMIA). We kindly ask prospective researchers and engineers in a diversified field of small engine technology to submit electronic abstracts.

The conference offers up-to-date and new information in the development of small engine technologies in an exchange of participants from the globe. The events include technical visit, keynote speech, plenary session, exhibition and poster session besides ceremonial events of opening and award & closing. Lunch & coffee-break, welcome reception and banquet will be served as well.



Osaka Castle in Fall Sunlight Source: URL <http://saitoshika-west.com/>

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.

Automobiles, Large Vessels, Large Aircraft, Locomotives And Spaceships are inapplicable.

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.

■ Technological Areas focused in this conference are;

Combustion Engines such as 4 stroke Engines, 2 stroke Engines, SI Engines, Diesel Engines, HCCI Engines, Unconventional and Competition 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 & Tires.

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

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

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



1. **LANGUAGE : English.** No simultaneous interpretation will be provided.

2. Submission of Abstract

We kindly ask prospective researchers and engineers in a diversified field of small engine technology to submit electronic abstracts of 300 to 500 words on-line via SETC website (URL: <http://www.setc-jsae.com/>) linked to JSAE Paper Entry System. You will receive an automatic reply upon the submission.

The abstracts should include:

- A tentative paper title
- Authors and co-author(s) with full name, affiliation, 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

Abstract to be [received on-line from December 2014](#)

3. Papers/Presentations

The papers should be written and presentation be given at the conference, which should be applications oriented. No paper will be accepted without a presentation.

- The papers should be prepared in hard metric (SI) units.
- Material of a purely descriptive nature or containing commercialism should be omitted.
- 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.
- A presenting author when his/her final manuscript accepted, is asked to make on-line advanced registration via SETC website linked to the registration system and also to bring his/her own PC for presentation to the venue.

4. Exhibition and Poster Session

OEMs, suppliers and academia will be given an opportunity to exhibit products and technical information during the conference at the venue. Poster session in conjunction with technical session will be also provided to graduate & undergraduate university students, and their researchers.

5. Advertisements and Sponsorship

Advertisement banner and preliminary & final program will be offered.

Also, the conference sponsorship program for the Welcome Reception and other events will be planned. Information will be available at the SETC website late 2014.

OSAKA CITY

The city located approximate center of Japan was once the capital of the nation, faces Osaka Bay to the west and is surrounded by mountains on the other three sides. Osaka Castle, a famous city-spot, was built by "Toyotomi Hideyoshi" in mid-16th century.

Search Words for Osaka

- Warmer & Friendly "OSAKANS"
- Home of Japanese Comedy
- Historical Merchant City of Japan
- Osaka Delicacy & "KUIDAORE"

ACCESS

From Kansai International Airport

Approximately 1 hour by limousine bus or JR railway to JR Osaka Station, from where 10 to 15 minutes by taxi or city bus.

From Osaka International (Itami) Airport

Approximately a half hour by airport bus to Hankyu Umeda Station, from where 10 to 15 minutes by taxi or city bus.



INFORMATION ON THE WEB

Japan Travel Guide

<http://www.japan-guide.com/e/e623.html>

Osaka City

<http://www.city.osaka.lg.jp/contents/wdu020/english/>

Osaka Prefectural Government

<http://www.pref.osaka.lg.jp/en/index.html>

Venue - Osaka International Convention Center

<http://www.gco.co.jp/en/>

SETC2015 SECRETARIAT

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