About the New Product Technology Session

Invitation to participate in the New Product Technology Session

The small engine technology conference (SETC) has contributed to the development of small engine technlogy by holding numerous technical discussions as an international conference on small engines since the first time was held in Milwaukee in 1989. Society's expectations for academic societies are to contribute to the promotion of technology and related businesses and encourage human resource development. In order meet this expectation, SETC has expanded the scope of its technical field to include not only engine technology but also product technology equipped with an engine such as vehicle technology. In recent years toward decarbonization, SETC has incorporated electrification technology and technology for utilizing renewable energy such as hydrogen and synthetic fuels.

Along with such changes in the target technology area, the name of the conference was changed from the Small Engine Technology Conference to the Small powertrain and Energy systems Technology Conference in 2020, and efforts have been made to increase the value of the conference. In SETC2022, we planned the following two initiatives as a response to further meet the expectations to SETC.

In the first, a new session called "New Product Technology Session" was set up to provide a forum for discussion from a technological perspective on the results of products and services as an outlet for technology, with the expectation that it will encourage further technological evolution and contribute to the promotion of related businesses. This session will also provide an opportunity for presenters to promote their products and services to the participants.

In the second, in order to further revitalize the conference and promote development and exchange of human resources, SETC2022 will introduce an online participation system to attract more participants from around the world.

We hope that you will use this opportunity of the New Product Technology Session to promote your company's products and encourage technology development.

What is the New Product Technology Session?

The New Product Technology Session will introduce a wide range of new products, services, manufacturing devices, development tools including software and other new items from technical perspective.

In the technical field handled by SETC, the various products and services are produced around the world every day, and the latest technologies are used to enhance customer value. This session will focus on the technologies that make them possible, and will show the superiority and novelty of functions, performance advantages, and value proposition related to the products and services. Leading to further technological evolution and value creation are expected through this session.

Session scope

The scope covered in this session is as follows.

Technology presentation on
 - products sold or shortly planned to be sold on the market.
 - services provided or shortly planned to be provided on the market using the products.
 - manufacturing devices of the products.
 - development equipment (e.g. measuring equipment).
 - software products for development or manufacturing.

The products include;

Vehicles with motor such as ATVs, Motorcycles, Scooters, Personal mobility vehicles, Marine products, Snowmobiles, Recreational vehicles, Utility vehicles, Power assist devices, Assisted bicycles and Unmanned vehicles. Machineries with motor such as Snowplows and blowers, Portable power generators, Agricultural machinery, Construction machinery, Forestry machinery, Gardening Equipment, Hand tools, Small and micro-combined heat and power systems.

Materials of metals, plastics, rubbers, fuels, lubricants, coolants and so on.

Mechanical components of bearings, bolts, springs and so on.

Electrical components of controllers, motors, batteries, connectors, cables, lightings and so on.

Note: Automobiles, Large Vessels, Large Aircraft, Locomotives, and Spaceships are out of the subject.

Presenter's benefit

Presenters can widely introduce their products, services and the technologies used in them to SETC participants.

By introducing their products and services to SETC participants, presenters can showcase their technology and promote their product.
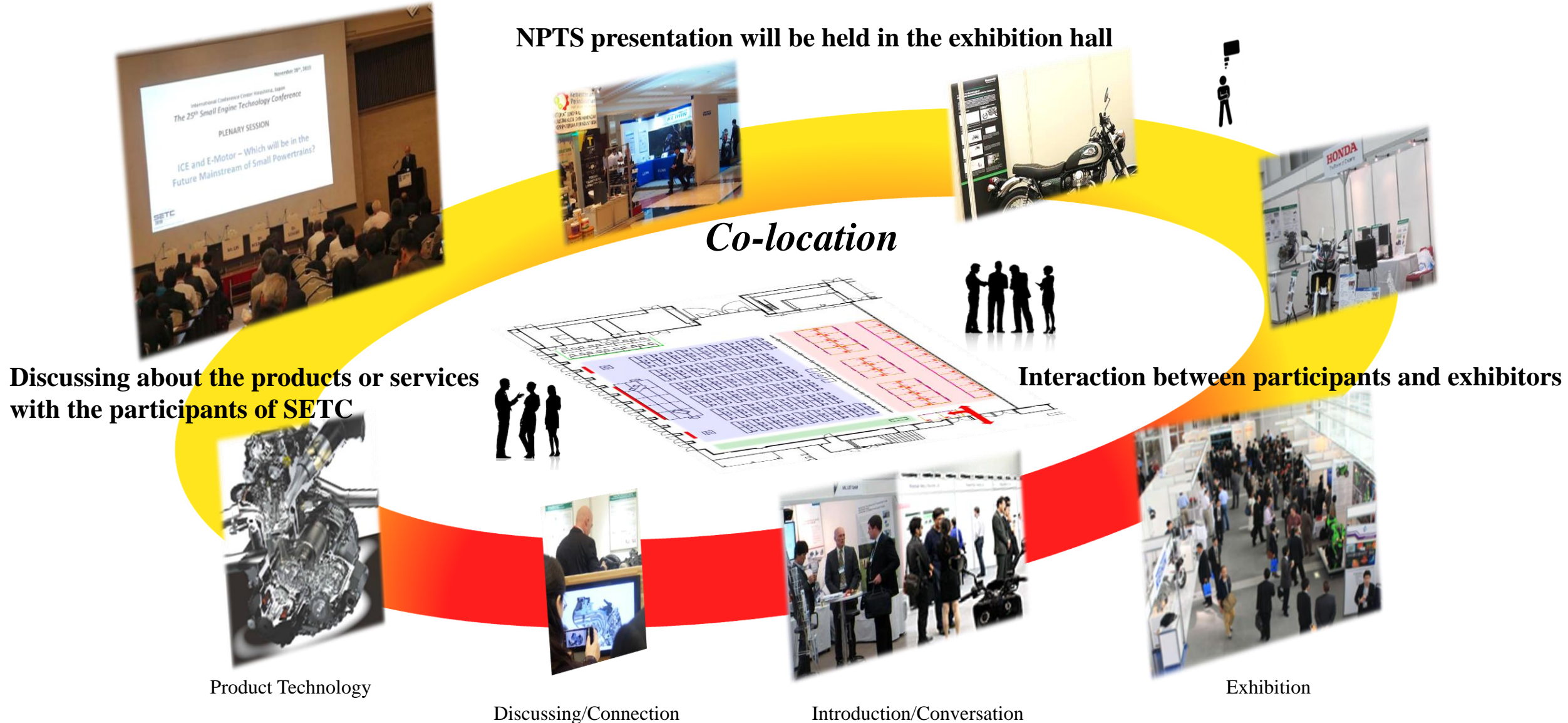
New ideas or hints may be found by discussing about the products or services with the participants of SETC.

By combining presentations and exhibitions, presenters from exhibitors can introduce their products in more detail.

Presenters from the sponsors or exhibitors can participate in the conference for free.

The conference registration fee of the presenters except from the sponsors or exhibitors is discounted.

Co-Location & Communication Concept

Communication between presenters, exhibitors and all participants

NPTS presentation will be held in the exhibition hall

Co-location

Discussing about the products or services with the participants of SETC

Interaction between participants and exhibitors

Product Technology

Discussing/Connection

Introduction/Conversation

Exhibition

About the New Product Technology Session

Relationship with the exhibition

NPTS presentation will be held in the exhibition hall equipped with 500 inch large screen, 200 seats and exhibition area. Presentation time is 20 minutes and Q & A 10 minutes.
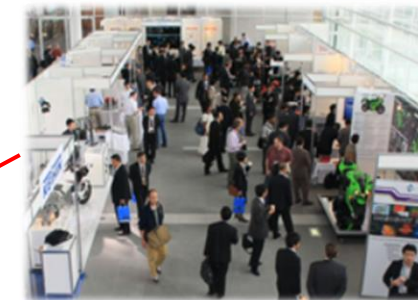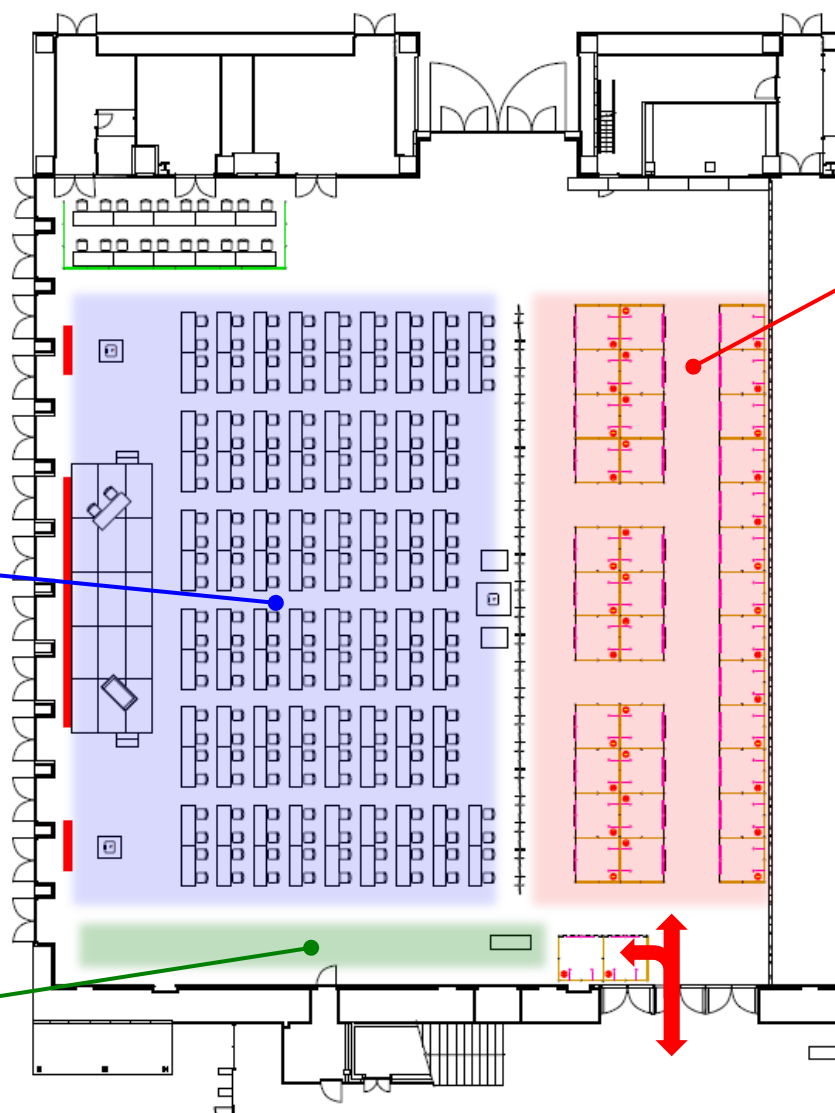

Exhibition Hall 1230m² (36m*36m)

NPT Session Area

- **About 200 seats**
- **500 inch Large Screen + 100 inch Screen * 2**

Coffee Break Area

Exhibition Area

[2022exhibition_EN.pdf (setc-jsae.com)](http://setc-jsae.com)

SETC 2022

Small Powertrains and Energy Systems Technology Conference 2022
HIMEJI, JAPAN
SETC2022 Technical Exhibition Guideline

We are offering a technical exhibition space during SETC2022. Over 400 attendees are expected. Keeping the meaning of technical exhibitions in mind, your application will be greatly appreciated. Please note; however, that if we receive many applications, all may not necessarily be approved.

Outline	• Venue 　Himeji City Culture and Convention Center 1F Exhibition Hall 　*The layout of units is determined by the secretariat. • Exhibition Period 　Morning and Afternoon on November 1 and 2 　Afternoon October 31, Morning on November 3 　*Installation and set up : on October 30 　Removal : afternoon on November 3 • Official Language :English • When the conference becomes on-line only, type of exhibition will be informed later.
Standard Specifications of a Booth	• Divide with side and back panels 　Dimensions : W2,000mm×D2,000mm×H2,400mm per unit • Equipment 　Company name plate: printed fonts / Desk: 1 / Chairs: 2 / Electric 　power outlets: (AC 100V 60Hz, A type up to 1500W)
Booth Fee and Benefit	• ¥ 120,000 per unit (TAX is not included) 　Apply multiple unit is available (ex. 2units costs ¥ 240,000) • Benefit 　One presenter pass and one fully accessible pass are issued per booth. 　From the 3rd certificate, presenter fee is charged per person. 　The presenter can participate lunch and network brakes. Fully 　accessible pass is needed to join technical sessions. 　You can have a presentation at 'New Product Technology Session'. 　Detailed information will be given later.

The difference between the NPTS and the Technical Session

	New Product Technology Session	Technical Session
Paper Number	Not given	given
Registration as technical paper	No	Yes
Publish in the SETC proceedings	Yes	Yes
JSAE/SAE Journal	Not a candidate	Could be published
Presentation	Same as Technical Session	Oral presentation for 20minutes, and Q&A for 10 min.
Novelty of contents	Not required	required
Description of commercial contents	Auxiliary only (see note)	Not allowed
Submission of the paper and presentation material	Same as Technical Session	Use the Paper Entry System (PES)
Copyright	Copyrights will be owned by the author.	Follow the JSAE copyright policy

Note

NPTS Papers will be distributed in the SETC proceedings, but not registered as technical papers.

This session will be presented in the same format as other SETC technical sessions.

This session allows presenters to include advertising elements (e.g., name of the product, advantages in specs) in providing technical information. However, it is NOT permitted to provide sales information (e.g., promotion, buyer's benefits).

Papers with only promotional content cannot be accepted as this session is aimed at sharing technology information.

NPTS papers do not necessarily follow the general rules for writing technical papers but must use the specified paper template.

If the number of applications to this session is too large, we may not accept general applications except for the exhibitors and sponsors.

Copyrights of NPTS papers and presentation materials will be owned by the author.

Authors shall have the responsibility to follow the existing copyrights.