



# KSAE

The  
Korean  
Society of  
Automotive  
Engineers



## General Information

The Korean Society of Automotive Engineers (KSAE) is an organization, established in April 22, 1978 for the purpose of advancing and developing automotive science and technology in Korea, contributing to promote of science and culture, and progress of industries and the economy as well.

KSAE has about **48,310** individual members who are engaged in automotive related areas including industries, academic and research fields, **208** libraries and laboratories, and **490** corporation members. KSAE provides opportunities to exchange information and opinions concerning updated results of studies. KSAE not only exerts itself to promote automotive technologies, but also supports and nurtures excellent researchers and engineers.



## Organization

### President

### Board of Director

- **General Affairs:** Women's Committee
- **Finance:** Budget Deliberation
- **Business:** Domestic / Event / Leaders Forum
- **Division & Research Group:** 13 Division / 8 Research Group
- **Education:** Education & Workshop
- **Editorial:** Editorial & Ethics Committee
- **External Collaboration & PR:** Automobile Part Industry Committee
- **International Cooperation:** WEVA FISITA
- **Standardization:** Standardization Committee
- **Baja/Formula/EV:** Organizing Committee
- **Local Branch:** 4 Local Branch

### \*Auditor

### \*Secretariat



## Publication

### Auto Journal

Monthly Magazine of KSAE



### IJAT (International Journal of Automotive Technology)

The IJAT leading international scientific journal of automotive engineering in Korea and is opened to all researchers in the world for contribution, review and publication. The IJAT has INDEXED/ABSTRACTED IN Science Citation Index Expanded.

### Transactions of KSAE

The Transactions of the Korean Society of Automotive Engineers (Trans. KSAE) has as its objective the publication and dissemination of ideas among researchers in different parts of the world and also among researchers who emphasize different aspects of the foundations and applications of the field.

### 2030 Automotive Technology and Outlook

Issued in 2010

### KSAE Dictionary of Automotive Engineering

First Issued in 1988, second Issued in 2005



## Conference / Exhibition

### KSAE Annual Spring Conference



### KSAE Annual Autumn Conference and Exhibition

KSAE holds spring and autumn conferences every year related to automotive engineering areas. Over 1,000 papers related automotive technology are presented.



## Baja/Formula/EV Student



### Baja Student Korea

### Formula Student Korea

### Smart E-Mobility Student Korea

This event provides valuable opportunities for new challenges regarding all aspect of automotive engineers to Korean Student Members.







## International Events

**PEL 2025** (KSAE/SAE Powertrains, Fuels & Lubricants Conference & Exhibition)

- 2025.6.22-25, BEXCO in Busan

**APAC 22** (Asia Pacific Automotive Engineering Conference)

- 2024. 11. 18 ~ 20, ICC Jeju in Jeju

**EVS37** (The 37th International Electric Vehicle Symposium & Exhibition)

- 2024. 4. 23 ~ 26, COEX in Seoul

**FISITA 2016** World Automotive Congress

- 2016. 9. 26 ~ 30, BEXCO in Busan

**EVS28** (The 28th International Electric Vehicle Symposium & Exhibition)

- 2015. 5. 3 ~ 6, KINTEX in Goyang

**21st ISAF** (The 21st International Symposium on Alcohol Fuels)

- 2015. 3. 10 ~ 14, KDJ Convention center in Gwangju

**PF&L Meeting** (2013 International Powertrains, Fuels & Lubricants Meeting)

- 2013. 10. 21 ~ 23, COEX in Seoul

**AVEC '12** (The 11th International Symposium on Advanced Vehicle Control)

- 2012. 9. 9 ~ 12, COEX in Seoul

**IPC - 13** (The 13th International Pacific Conference on Automotive Engineering)

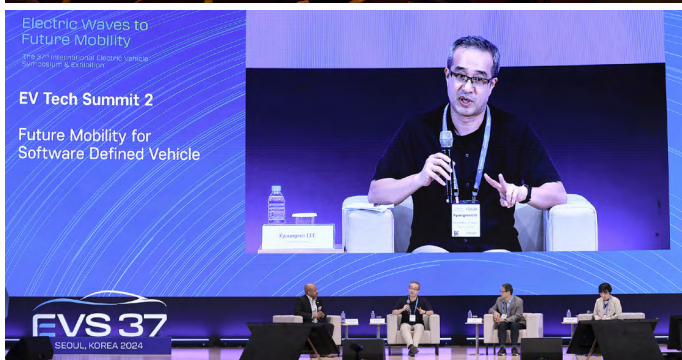
- 2005. 8. 22 ~ 24, Hotel Hyundai in Gyeongju

**EVS19** (The 19th International Electric Vehicles Symposium & Exhibition)

- 2002. 9. 19 ~ 23, BEXCO in Busan

**Seoul 2000 FISITA World Automotive Congress & Exhibition**

- 2000. 6. 12 ~ 15, COEX in Seoul



## Standardization

KSAE is the central organ of Korean automotive standards, and it plays an important role in operation and management of KS(Korean Standards) and KSAE standards, participation and dissemination of automobile standards such as ISO and IEC, and it is working with domestic and foreign related agencies.

**COSD(Cooperating Organization for Standards Development)**

KSAE has been designated by KATS(Korean Agency for Technology and Standards) as COSD for the automobile sector and manages KS of 884 species, and it is designated by ISO/TC22 domestic secretariat organization and supports international standards.

**Field designated by COSD**

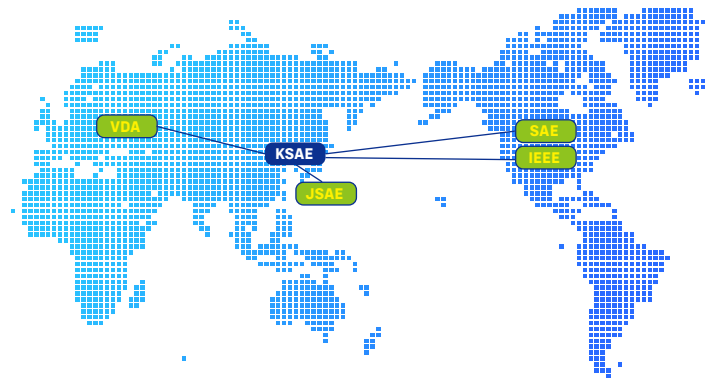
- ISO/TC22 (Road vehicles)
- ISO/TC70 (Internal combustion engines)

**Species of the KSAE standards** : 322 species

**Activity Committee**

- Standards committee
- Transport Development COSD committee
- Electric Vehicle Standardization Promotion committee
- Smart Cars Standardization Promotion committee
- Standard Development committee (Motor performance evaluation standards research committee, Electric two-wheeled vehicle standardization research committee, etc.)

**Standard cooperation connected to overseas organizations by MOU**



## Division / Research Group

**Division (13)**

- |  |                                     |
|--|-------------------------------------|
| - Mobility Power & Drive System        | - Energy & Emission                 |
| - Intelligent Chassis & Control System | - Electrical Electronic System      |
| - Body & Safety                        | - Manufacturing & Materials         |
| - Electric Drive Vehicle               | - Vehicle Management & Environment  |
| - Vehicle Semiconductor & System S/W   | - Convergence S/W & AI              |
| - Mobility Platform                    | - Vehicle Thermal Management System |
| - H2 Mobility                          |                                     |

**Research Group (8)**

- |  |  |
|--|--|
| - Personal Mobility                        | - Mobility System                          |
| - Design                                   | - Earthmoving Machinery                    |
| - Student Automotive Engineering Education | - Vehicle Material Parts carbon-neutrality |
| - Non-exhaust Wear Particles               | - Automotive Cyber Security                |



KSAE Consists of 13 divisions and 8 research groups.

Each division and research group holds various workshops, symposiums and specialized conferences during a year.



## Local Branch / Committee

**Local Branch (4)**

- Busan-Ulsan-Gyeongnam Province Branch
- Gwangju-Honam Province Branch
- Daegu-Gyeongbuk Province Branch
- Daejeon-Sejong-Chungcheong Province Branch



**Committee (9)**

- |   |                                 |
|---|---------------------------------|
| - Award Judging Committee               | - Budget Deliberation Committee |
| - Editorial Committee                   | - Ethics Committee              |
| - Baja/Formula/EV Organizing Committee  | - Standardization Committee     |
| - Women's Committee                     | - Auto Part Industry Committee  |
| - Automotive Technical Policy Committee |                                 |

KSAE Consists of four local branches and nine committees.

Each local branch and committee hold conferences and seminars.



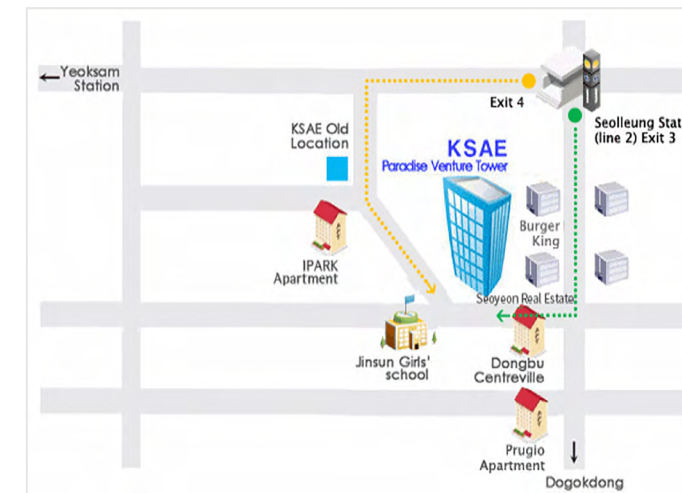
## Awards

**KSAE Awards**

- |                                |                          |
|--------------------------------|--------------------------|
| - KSAE Grand Prize             | - KSAE Academic Award    |
| - KSAE Technical Award         | - KSAE Achievement Award |
| - KSAE Best Presentation Award |                          |



## Location & Contacts



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**Journals** [www.IJAT.net](http://www.IJAT.net), <http://journal.KSAE.org>

**KSAE Baja/Formula/EV** <http://jajak.KSAE.org>