

Call for Papers



# THE 9th INTERNATIONAL CONFERENCE ON MODELING AND DIAGNOSTICS FOR ADVANCED ENGINE SYSTEMS



## COMODIA 2017

**25th – 28th July 2017**

**Okayama Convention Center in Okayama, Japan**

- July 25** Registration and Welcome party
- July 26** Opening, Keynote Speech 1, Technical Sessions
- July 27** Keynote Speech 2&3, Technical Sessions, Banquet
- July 28** Technical Sessions

Organized by The Engine Systems Division  
The Japan Society of Mechanical Engineers



<http://www.jsme.or.jp/conference/comodia2017/>

### Key Dates for Abstract, Draft and Final Submissions

- Abstract Deadline ..... January 27, 2017
- Acceptance Notification (First step) ..... February 17, 2017
- Full-paper Draft Deadline ..... March 31, 2017
- Acceptance Notification (Second step) ..... April 28, 2017
- Final Paper Deadline ..... May 19, 2017

Abstract of proposed contributions should be submitted to the website at:  
<http://www.jsme.or.jp/conference/comodia2017/>



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# Topics and Subjects of the Conference

Keynote  
Speech



**Prof. Norimasa Iida**  
Keio University, Japan



**Prof. Per Tunestål**  
Lund University, Sweden



**Mr. Mitsuo Hitomi**  
Mazda Motor Corporation, Japan

## Organized Sessions for Special Topics (Organizers)

### OS-1 Modeling for engine simulation

(Yasuo Moriyoshi – Chiba Univ., Tsukasa Hori – Kobe Univ., Makoto Nagaoka – Toyota Central R&D)

### OS-2 Heat transfer measurement and analysis

(Hidenori Kosaka – Tokyo Institute of Technology, Hiroyuki Yamashita – Mazda Motor)

### OS-3 Chemical reaction analysis

(Kotaro Tanaka – Ibaraki Univ., Yasuyuki Sakai – Fukui Univ., Kotaro Hashimoto – Honda R&D)

### OS-4 Novel measurements

(Nobuyuki Kawahara – Okayama Univ., Tomonori Urushihara – Mazda Motor)

### OS-5 After treatment

(Takao Fukuma – Toyota Motor, Jin Kusaka – Waseda Univ., Masaru Ogura – Univ. of Tokyo)

## 【 General Subjects for Presentation 】

- Diesel Combustion
- SI Combustion
- HCCI/RCCI/PCCI Combustion
- Spray and Spray Combustion
- Combustion, Thermal and Fluid Science
- Measurement and Diagnostics
- Modeling and Simulation
- Exhaust Emissions and Measurements
- Fuels
- Gas Engine
- Lubricants, Engines and Engine Components
- Engine Control
- Thermal Management

### Notice

Selected papers will be invited to submit it to the COMODIA 2017 special issue of International Journal of Engine Research (IJER).

### Official Language and Units

The official language is English, and SI units should be used.

### Registration Fee

Member/Speaker 50,000 JPY, Non-member 55,000 JPY, Student/Speaker 15,000JPY,  
Non-member student 20,000 JPY (Registration: before May 31, 2017), Banquet 10,000 JPY  
See Website. <http://www.jsme.or.jp/conference/comodia2017/>

### Conference Venue

The conference will be held at Okayama Convention Center in Okayama, Japan. It is located only 3 minute walk from JR Okayama station or 30 minutes away from Okayama Airport by bus. Okayama is 600 km to the west of Tokyo and is located between Hiroshima and Osaka.

### Contact

Chair: Eiji Tomita, Email: [etomita@okayama-u.ac.jp](mailto:etomita@okayama-u.ac.jp) Secretary: Toshiaki Kitagawa, Email: [toshi@mech.kyushu-u.ac.jp](mailto:toshi@mech.kyushu-u.ac.jp)