

# The 1<sup>st</sup> International Symposium on Fuels and Energy



Organized by



Advanced Core for Energetics Hiroshima University (HU-ACE)

Schedule: July 10-11 (12: Technical Tour)

Venue: International Conference Center Hiroshima  
Large Conference Room "Dahlia"

Banquet: 10<sup>th</sup> July, 18:30 ~ [Restaurant Ship] GALAXY

<http://home.hiroshima-u.ac.jp/hu-ace/isfe2017/>

## [Scope & Topics] :

- Renewable Energy
- Bio-Fuel
- Combustion
- Hydrogen
- Nuclear Fusion



## [Important date]

- |                       |                           |
|-----------------------|---------------------------|
| June 15 <sup>th</sup> | Deadline for Abstract     |
| June 22 <sup>nd</sup> | Acceptance of Abst.       |
| June 30 <sup>th</sup> | Deadline for Registration |
| July 1 <sup>st</sup>  | Open Program              |

## Registration fee

General : JPY 30,000

Student : JPY 20,000

Chair: Prof. Keiya NISHIDA  
Vice Chair: Prof. Yukihiro MATSUMURA  
Secretariat: Prof. Takayuki ICHIKAWA  
Accountant: Prof. Shuhei INOUE  
Auditor: Prof. Yutaka NAKASHIMADA



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# The 1<sup>st</sup> International Symposium on Fuels and Energy



## 10<sup>th</sup>/July(Mon)

- 8:30- Registration
- Session 1** Chair Prof. Y. Matsumura
- 9:00-9:10 Welcome Talk (Prof. K. Nishida; Hiroshima Univ.)
- 9:10-9:50 “Introduction to Hiroshima University Advanced Core for Energetics, HU-ACE: Objectives, Research Activities and Strategy” (Prof. K. Nishida; Hiroshima Univ.)
- 9:50-10:30 “Development of SKYACTIV Engines from a Perspective of Environmental Improvement” (Mr. Y. Terazawa; Mazda Motor Corporation)
- 10:30-10:50 Coffee Break
- Session 2** Chair Prof. K. Nishida
- 10:50-11:30 “SwRI’s vision of the future of high efficiency engines and their interaction with fuels/synergies with electrification” (Mr. C. Chadwell; Southwest Research Institute)
- 11:30-12:10 “Characteristics of Various Kinds of Energy and Research Topics Related To Future Energy System Based on Viewpoints of Technology Strategy” (Dr. A. Yabe; NEDO Technology Strategy Center)
- 12:10-13:30 Lunch
- Session 3** Chair Prof. Y. Nakashimada
- 13:30-14:10 “Innovative Technologies on Diesel Engine to achieve High Efficiency Combustion and Low Emission” (Mr. T. Kikutani; DENSO)
- 14:10-14:50 Invited Lecture 6 “Palm Biodiesel Development: Opportunity and Challenge” (Prof. Dr. Erliza Hambali; Bogor Agricultural University)
- 14:50-15:10 Coffee Break
- Session 4** Chair Prof. T. Ichikawa
- 15:10-15:50 “Current situation and future outlook for hydrogen energy business” (Mr. H. Shigekiyo; Air Products Japan K.K.)
- 15:50-16:30 “Laser Fusion: Draw Dragon Dot Eyes” (Prof. H. Azechi; Osaka Univ.)
- 16:30-17:00 General Discussion (Prof. Y. Matsumura; Hiroshima Univ.)
- 17:00-17:10 Administrative Circular
- 18:30 - Banquet ([Restaurant Ship] GALAXY)

## 11<sup>th</sup>/July(Tue)

- 8:30- Registration
- |             |                      |             |                |
|-------------|----------------------|-------------|----------------|
| 9:00-10:20  | General Lecture1-4   | 14:40-16:40 | Poster Session |
| 10:20-10:35 | Coffee Break         | 16:40-17:00 | Closing Talk   |
| 10:35-11:55 | General Lecture 5-8  |             |                |
| 11:55-13:20 | Lunch                |             |                |
| 13:20-14:40 | General Lecture 9-12 |             |                |

## 12<sup>th</sup>/July(Wed)

Technical Tour

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