

The 5th JCAP Conference

Japan Clean Air Program (JCAP) is a joint research program between Petroleum Association of Japan and Japan Automobile Manufacturers Association, financially supported by the Ministry of Economy, Trade and Industry, and organized by Japan Petroleum Energy Center. This program is aimed to improve air quality in Japan.

A five-year program called JCAP I started in 1997, and its evolved version, another five-year program called JCAP II started in 2002. For summing up the results of entire JCAP II research activities, we will hold the 5th JCAP Conference in February 2007 in Tokyo.

We therefore hope that people with interest in latest automobile/ fuel technologies and air quality issues will participate in the conference so as to make the conference a venue where they could deepen the understanding of the product of five years of research and get latest information from experts and researchers from national and international research institutes, which can be used to plan future program.

Please note that registration is required for participation in the conference. For registration, please visit the site shown below. We look forward to your participation.

1. Organized by: Japan Petroleum Energy Center
2. Dates: February 22nd – 23rd, 2007
3. Conference venue: Hitotsubashi Memorial Hall
National Center of Sciences Building
Address: 2-1-2, Hitotsubashi, Chiyoda-ku, Tokyo 101-0003
Phone: 81-3-4212-6321
Access: 3 minutes on foot from Exit A8 of Jinbocho station
(Tokyo Metro Hanzomon line and Toei Mita & Shinjuku lines),
or 4 minutes on foot from Exit 1b of Takebashi station
(Tokyo Metro Tozai line)
4. Registration fee: Free of charge
5. Program: See the next page
6. Registration: <https://www3.convention.co.jp/jcap2007/JCAP07.pdf>
7. Contact to: The 5th JCAP Conference Office
Phone: 81-3-3508-1247
Fax: 81-3-3508-1703
E-mail: jcap2007@convention.co.jp

The 5th JCAP Conference Program (tentative)

I. Dates: February 22nd -23rd, 2007

II. Venue: Hitotsubashi Memorial Hall

National Center of Sciences Building

Tokyo, Japan

III. Program

February 22nd (Thursday)

[Morning Session] 10:00 ~ 11:45

1. Opening Addresses

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|---------------------------|---|
| (1) Welcome Address | Mitsunori Takahagi
(Chairman of Japan Petroleum Energy Center) |
| (2) Administrative Remark | Shuzo Takada
(Chief of Petroleum Refining and Reserve
Division, Resources and Fuel Department,
Agency of Natural Resources and Energy,
Ministry of Economy, Trade and Industry) |

2. Session I (Presentation of JCAP II Research Results)

Session Chair: Makoto Misono (President of National Institute of Technology and
Evaluation)

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| 1) General Overview of JCAP II Research Activities | Naoyuki Kadoya
(JCAP Promotion Dept., JPEC) |
| 2) Gasoline WG | Keiichi Koseki (Gasoline WG) |

[Afternoon Session] 13:00 ~ 17:00

Session Chair: Noboru Miyamoto (Professor Emeritus at Hokkaido University)

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| 3) Diesel WG | Takashi Kaneko (Diesel WG) |
| 4) Oil WG | Shuzo Nemoto (Oil WG) |

Session Chair: Shinji Wakamatsu (Professor at Ehime University)

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| 5) Air Quality Model Planning WG | Yoshihiro Iwashita
(Air Quality Model Planning WG) |
| 6) Health Effects Study WG | Hiroyuki Kumataka (Health Effects Study WG) |
| 7) Unregulated Material WG | Shinji Yanagisawa (Unregulated Material WG) |
| 8) Air Quality Model Study Group | Hitoshi Kunimi (JCAP Promotion Dept., JPEC) |

February 23rd (Friday)

[Morning Session] 9:30 ~ 12:00

3. Session II (Future Research Issues on Air Quality Improvement and Vehicle/ Fuel Technologies)

(1) Air Quality Model Research (Future Research Issues on Air Quality Improvement)

Session Chair: Kazuhiko Sakamoto (Professor at Saitama University)

<Keynote Lecture>

Globalization of Air Quality Issues and the Local Approach

Hajime Akimoto

(Frontier Research Center for Global Change)

1) Observed and Projected Global Climate Change and its Regional Impacts

Johann Feichter

(Max Planck Institute)

2) Air Quality Problems in East Asia and Issues in Shanghai City

Changhong Chen

(Atmospheric Environment Institute,
Shanghai Academy of Environmental
Sciences)

3) Air Quality Issues at Roadside Level in Metropolitan Areas

Hiroaki Kondo

(National Institute of Advanced Industrial
Science and Technology)

[Afternoon Session] 13:00 ~ 17:10

(2) Future Research Issues on Vehicle/ Fuel Technologies

Session Chair: Yasuhiro Daisho (Professor at Waseda University)

<Keynote Lecture>

Future Automotive Fuels for Japan and the United States - Similarities and Contrasts

Joseph M. Colucci

(Automotive Fuels Consulting, Inc.)

1) Life Cycle Assessment of Biofuels

Jean-Francois Larive

(Conservation of Clean Air and Water in
Europe)

2) Vehicle/ Fuel Technologies Issues in the Use of Biofuels in the US and their Measures

Matthew Thornton
(National Renewable Energy Laboratory)

Session Chair: Kazunari Domen (Professor at School of Engineering, The University of
Tokyo)

3) Usage of Biofuels in Thailand and Future Technological Issues

Peesamai Jenvanitpanjakul
(Thailand Institute of Scientific and
Technological Research)

4) The Usage of Biofuels in Korea and Future Issues

Inho Cho
(SK Energy R&D Center)

(3) Outline of New Research Programs for Vehicle/ Fuel Technologies and Improvement in
Air Quality - Successor Programs to JCAP-

Koji Oyama
(JCAP Promotion Dept., JPEC)

4. Closing Address

Tomiyuki Kudo
(President of Japan Petroleum Energy Center)