

# 2008 SAE Bio-fuels: Specifications and Performance Symposium

7-9 July 2008

Le Palais des Congres De Paris  
Paris, France

Join us for this new and unique symposium as industry experts take an in-depth look at global fuel specifications and the performance of future fuels.

## Hot Topics of Discussion

- fuel specifications
- vehicle performance
- technological advancements & obstacles
- legislation issues
- additives
- global standards

Pre-register by 20 June 2008!  
SAE Members save \$400  
Non Members save \$100

# 2008 SAE Bio-fuels: Specifications and Performance Symposium

7-9 July 2008

Le Palais des Congres De Paris  
Paris, France

I.D. #BIOFUELS

Continuing high oil prices, the growing insecurity of crude oil and petroleum based fuels, political and legislative pressures encouraging the use of alternative fuels, along with increasing concerns about road transportation's contribution to global warming, have contributed to the recent abundance of bio-fuels conferences and symposia. Virtually all of these neglect the in-depth issues of global fuel specifications and how these affect the performance of future fuels in the vehicles in the market place.

The 2008 SAE Bio-fuels: Specifications and Performance Symposium will be unique as it will be organized in support of the needs of the motor industry and its alliances. With global representation from the U.S., Europe and Asia, this symposium will be a truly global discussion. Join us as we address the question, "how will rapid growth in global bio-fuels affect the global specifications and performance of future fuels?"

*Don't miss this important in-depth discussion that will greatly impact the future of our industry and world – register today!*

## Who Should Attend

- Fuels & Additive Producers
- Aftertreatment Providers
- Light & Heavy Duty Manufacturers
- Research & Design Engineers
- Academia
- Government Agencies

## Organizers

### Frank Palmer

Technical Director, IFQC  
Professor, University of Leeds

### Paul Richards

Research Fellow, Innospec Ltd.



## SESSION OVERVIEW\*

### Session 1: Legislation – Low Carbon, Energy Security, etc.

*How to balance these needs while maintaining the integrity of low emissions standards.*

### Session 2: Variations in Global Standards

*What are the issues? Can common Global Standards be achieved?*

### Session 3: Fuel Quality at the Pump

*What are the issues for refineries in blending first generation products versus second generation bio-fuels? Will blending issues arise from so called white pump operators, which seem to be on the rise?*

### Session 4: Additives

*Will conventional fuel additives function adequately with increasing blend ratios of bio-fuels?*

### Session 5: Passenger Cars and Other Light Duty Vehicles/Engines

*What are the performance issues when using bio-fuels? Has enough testing been done on higher concentrations of bio-fuel blends? Do we know enough about the performance of second generation/hydrogenated bio-fuels? Specifications are one thing, but will the engine and emission control systems respond differently? What about E85 vehicle systems and emission control durability?*

### Session 6: Heavy Duty Vehicles/Engines

*What are the performance issues when using bio-fuels? Has enough testing been done on higher concentrations of bio-fuel blends? Do we know enough about the performance of 2nd generation / hydrogenated bio-fuels?*

*Specifications are one thing, but will the engine and emission control systems respond differently? What about E85 vehicle systems and emission control durability?*

### Session 7: Effect of Fuels and Lubricants Interactions on Performance

*Are there serious problems for engine lubricants when using bio-fuels? What are they and can they be resolved? Do different bio-fuels cause different problems for engine lubricants? What roles do fuels and lubricants additives play in all aspects of performance?*

### Session 8: Future Areas of Investigation

*What are the potential issues with future fuels regarding exhaust aftertreatment and future engine technologies to optimize the emissions/economy trade-off?*

\*For up-to-date event information, visit [www.sae.org/biofuels](http://www.sae.org/biofuels)

# AGENDA\*

## Monday 7 July

### Welcome & Keynote Addresses

- 18:00 **Tammy Klein**, Director, Bio-fuels & Americas, International Fuel Quality Center, Global Bio-fuels Center
- 18:15 **Timothy Johnson**, Director, Emerging Regulations and Technologies, Corning, Inc.

## Tuesday 8 July

- 08:45 Opening Remarks

### Session 1: Legislation – Low Carbon, Energy Security, etc.

**Tammy Klein**, Director, Bio-fuels & Americas, International Fuel Quality Center, Global Bio-fuels Center, Moderator

- 09:00 **Kyriakos Maniatis**, Biofuels and Polygeneration, Unit D2 - Innovation and Technological Development in Energy, Directorate D - New and Renewable Energy Sources, Energy Efficiency & Innovation, DG TREN, European Commission
- 09:20 **Wendy Clark**, Fuels Performance Group Manager, National Renewable Energy Laboratory
- 09:40 **Koji Yamane**, Professor, Department of Mechanical Systems Engineering, The Univ. of Shiga Prefecture
- 10:00 Panel Discussion
- 10:30 Break

### Session 2: Variations in Global Standards

**Kenneth Rose**, Technical Coordinator, Fuels Quality and Emissions, CONCAWE, Moderator

- 11:00 **Barry Cahill**, Fuels Associate, PSA Peugeot Citroen
- 11:20 **Steve Howell**, President, MARC-IV Consulting
- 11:40 JAMA Representative
- 12:00 Panel Discussion
- 12:30 Lunch

### Session 3: Fuel Quality at the Pump

**John Bennett**, Senior Technical Manager, Fuels, Afton Chemical Ltd., Moderator

- 13:30 **Kenneth Rose**, Technical Coordinator, Fuels Quality and Emissions, CONCAWE
- 13:50 **Mani Natarajan**, Senior Chemical Engineer, Marathon Petroleum Company, LLC
- 14:10 **Kenichirou Saitou**, General Manager, Research & Development Planning Department, Nippon Oil Corporation
- 14:30 Panel Discussion
- 15:00 Break

### Session 4: Additives

**Rodica Faucon**, Fuels Affairs Manager, Renault SAS, Moderator

- 15:30 **John Bennett**, Senior Technical Manager, Fuels, Afton Chemical Ltd.
- 15:50 **Simon Mulqueen**, Technical Service Manager, Refinery & Performance, Innospec
- 16:10 **Robert Quigley**, Product Manager, Lubrizol Limited
- 16:30 Panel Discussion
- 17:30 Reception

## Wednesday 9 July

- 08:45 Opening Remarks

### Session 5: Passenger Cars and Other Light Duty Vehicles/Engines

**Richard Pearson**, Technical Specialist, Lotus Engineering, Moderator

- 09:00 **Rodica Faucon**, Fuels Affairs Manager, Renault SAS
- 09:20 **Coleman Jones**, Biofuel Implementation Manager, General Motors Corp.
- 09:40 **Yoshihiro Iwashita**, Project General Manager, Toyota Motor Co. Ltd.
- 10:00 Panel Discussion
- 10:30 Break

\*For up-to-date event information, visit [www.sae.org/biofuels](http://www.sae.org/biofuels)

## AGENDA\* *continued*

### Session 6: Heavy Duty Vehicles/Engines

**Anders Roj**, Manager, Fuels & Lubricants, Volvo Technology Corporation, Moderator

- 11:00 **Anton Zimmermann**, Engine Research, Caterpillar
- 11:20 **Meinrad Signer**, Deputy General Manager, IVECO Motorenforschung AG
- 11:40 **Barbara Goodrich**, Fuels Expert, John Deere Power Systems
- 12:00 Panel Discussion
- 12:30 Lunch

### Session 7: Effect of Fuels and Lubricants Interactions on Performance

**Frank Palmer**, Technical Director, IFQC and Professor, University of Leeds, Moderator

- 13:30 **Frank Gerry**, Program Manager, BP Products North America

13:50 **Craig Jones**, Project Manager - Engine Oils, Lubrizol Limited

14:10 **Bengt Otterholm**, Lubricants Coordinator, Volvo

14:30 Panel Discussion

15:00 Break

### Session 8: Future Areas of Investigation

**Paul Richards**, Research Fellow, Innospec Ltd., Moderator

15:30 **Xavier Montagne**, Scientific Deputy Director, IFP

15:50 **Bruce Bunting**, Senior Staff Engineer, Oakridge National Laboratory

16:10 **John May**, Technical Manager, AECC

16:30 Panel Discussion

17:00 Wrap Up Comments

## MARKETING OPPORTUNITIES

The 2008 SAE Bio-fuels: Specifications and Performance Symposium is an easy, cost-effective way to distinguish your company from the competition!

### Sponsorships

#### MONDAY EVENING WELCOME RECEPTION



#### DAILY LUNCHESES – Tuesday and Wednesday

**\$8,000 each**

Sponsor the luncheon and showcase your corporate brand and identity to a highly technical audience. Distribute your corporate literature and maximize your presence at this event.

#### MORNING/AFTERNOON BREAKS – Tuesday and Wednesday

**\$3,000 each**

As participants take a break for refreshments, your company can be in the spotlight.

#### TUESDAY EVENING RECEPTION

**\$5,000**

Be the host of this reception, the final networking event of the Symposium, and receive recognition from, and access to, this elite audience. You may distribute literature if desired.

### Tabletop Displays

**\$2,200 FEE INCLUDES:**

- One table top display space (one table with two chairs)
- One Conference Registration, refreshment breaks, evening receptions, and handout materials

**For more information or to take advantage of these opportunities, contact:**

**SAE Customer Sales & Support**

1-888-875-3976 • 1-724-772-4086

(outside U.S./Canada)

CustomerSales@sae.org

### Maximize Savings!

Become an SAE Member and pre-register by 20 June 2008.

## REGISTRATION AND FEES

### To Register

#### SAE Customer Service

Web: [www.sae.org/biofuels](http://www.sae.org/biofuels)

Telephone: 1-877-606-7323

1-724-776-4970

(outside U.S. & Canada)

Email: [CustomerService@sae.org](mailto:CustomerService@sae.org)

	Before 20 June 2008	After 20 June 2008
<b>SAE Member</b>	\$1,195	\$1,295
Non-Member	\$1,495	\$1,595
Participant	FREE	FREE

Fee includes technical presentations, receptions, lunches, coffee breaks and access to electronic copies of the presentations immediately following the event.

**Conditions of Sale:** All cancellations must be in writing and received by SAE prior to 20 June 2008. A \$50 processing fee will be assessed for each cancelled registration that results in a refund. Refunds will not be issued if cancellation occurs on or after 20 June 2008. This policy includes special event and meal fees. For the SAE membership registration rates, member dues must be current at the start of the event. Children under 16 years of age are not permitted.



SAE will do what is feasible to make its events reasonably accessible to attendees. If you have special accommodation needs, please let us know in advance by calling 1-877-606-7323 (1-724-776-4970 outside U.S. and Canada). Accommodations requested on site will be provided only if possible for us to do so on short notice.

### Registration Hours

Monday 7 July	16:00 - 18:00
Tuesday 8 July	07:30 - 17:00
Wednesday 9 July	07:30 - 15:00

## HOTEL AND TRAVEL INFORMATION

The Bio-fuels: Specifications and Performance Symposium will be held at:

### Le Palais des Congres De Paris

2, Place de la Porte Maillot

CIP no 1 – 75853

Paris Cedex 17, France

[www.palaisdescongres-paris.com](http://www.palaisdescongres-paris.com)



All attendees are responsible for their own lodging and travel arrangements. SAE has reserved a block of sleeping rooms at the Hotel Concorde LaFayette. Hotel reservations must be made prior to 7 June 2008.

### Hotel Concorde LaFayette (4\*)

3, Place du General Koenig

75017, Paris, France

[www.concorde-lafayette.com](http://www.concorde-lafayette.com)

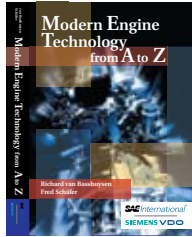
Phone 33 (0) 1 40 68 50 68

Fax 33 (0) 1 40 68 50 43

The hotel reservation form can be obtained by visiting [www.sae.org/biofuels](http://www.sae.org/biofuels). Complete the hotel reservation form and return it by fax (using the fax number listed on the bottom of the hotel reservation form) to the hotel Reservations Department and indicate you will be attending the SAE 2008 Bio-Fuels Symposium. Classic Room Rates: 205 Euro for single room and 215 Euro for double room, both includes buffet breakfast. Individual reservations and payment guaranteed by credit card.

**For general tourist information visit:**  
[www.parisinfo.com](http://www.parisinfo.com).

## RELATED RESOURCES from SAE International



### Modern Engine Technology from A-Z

By Richard Van Basshuysen and Fred Schaefer

Part dictionary, part encyclopedia, this book will serve as your comprehensive reference guide for many years to come.

1,072 Pages, Hardbound, September 2007

**\$103.96 (SAE Member)**

\$129.95 (Non-member)

Product Code: R-373

### Design for Recyclability and the Environment

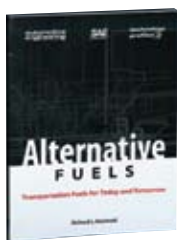
The six papers in this publication detail advancements in the research of recycling and design for the environment. The papers provide an update on technologies and processes from recovering materials from shredder residue, converting materials recovered from waste into products, converting organic materials into oil, a comparison of mechanical and chemical conversion technologies, and incorporating recycling into the vehicle design phase and biofuels.

62 Pages, 6 Papers, April 2007

**\$51.96 (SAE Member)**

\$64.95 (Non-Member)

Product Code: SP-2118



### Alternative Fuels: Transportation Fuels for Today and Tomorrow

By Richard L. Bechtold

This report examines the accepted alternative fuels and provide historical background, physical and

chemical properties, production technology, and forecasts for each fuel.

90 Pages, Paperbound, 2002

**\$159.00 (SAE Member)**

\$199.00 (Non-member)

Product code: T-100

**SAE Members save year-round on most SAE publications, conferences, seminars, and more!**

## SPECIAL PUBLICATIONS

These Special Publications are a collection of related SAE technical papers from one or more technical sessions at a particular SAE event. SPs can save you 60% or more when compared to the collective purchase price of all the individual papers included in the collection.

### Commercial Vehicle Alternative Fuels 2007

88 Pages 8 Papers

**\$51.96 (SAE Member)**

\$64.95 (Nonmember)

Product Code: SP-2144

### Alternative Fuels and CI Engine Performance

160 Pages 12 Papers

**\$59.96 (SAE Member)**

\$74.95 (Nonmember)

Product Code: SP-2067

## SAE SEMINARS

### Automotive Fuel Cell Systems

This course provides a detailed understanding of the processes, subsystems and vehicle characteristics relating to fuel cell systems for automotive applications.

I.D.# C0112

**(SAE Members): \$1,335; 1.8 CEUs**

**(Non-members): \$1,465;**

### Catalytic Converters: Design and Durability

This seminar explores the development of catalytic converters and the key inventions that made them viable, along with recent advances in converter technology required to meet stringent emissions regulations for both light-off and underbody converters.

I.D.# 98017

**(SAE Members): \$1,115; 1.3 CEUs**

**(Non-members): \$1,235;**

Also available as an e-Seminar!

## Order today!

Online: [store.sae.org](http://store.sae.org)

E-mail: [CustomerService@sae.org](mailto:CustomerService@sae.org)

Phone: 1-877-606-7323 (U.S. & Canada)

or 1-724-776-4970

Note: prices subject to change.

Actual shipping charges will be added.



Pre-register by 20 June 2008!  
SAE Members save \$400  
Non Members save \$100

# 2008 SAE Bio-fuels: Specifications and Performance Symposium

**7-9 July 2008**  
**Le Palais des Congres De Paris**  
**Paris, France**

Join us for this new and unique symposium as industry experts take an in-depth look at global fuel specifications and the performance of future fuels.

[www.sae.org/biofuels](http://www.sae.org/biofuels)

P80653

**SAE** *International*™

400 Commonwealth Drive  
Warrendale, PA 15096-0001

Non-Profit Org.  
U.S. POSTAGE  
**PAID**  
Pittsburgh, Pa.  
Permit No. 1731