

# **Workshop on Diesel Sprays and Biodiesel Combustion**

**Diesel Sprays (Wednesday 20<sup>st</sup> November 2013)**

**Biodiesel (Thursday 21<sup>st</sup> November 2013)**

The experimental research that has led to the knowledge of spray break-up, vaporisation and mixing in diesel engine and in diesel like environments will be discussed on the first day of the workshop. Areas for future research to gain a comprehensive understanding of the physics of dense sprays will be identified and discussed.

On the second day, a wide range of interesting topics on alternative fuels will be discussed. Starting from the processing of biodiesel, sustainability of biodiesel, impact of feedstock on fuel properties, combustion and emission performance of biodiesel, health effects of biodiesel and other alternative fuels will be discussed.

In this workshop the discussions will be at the highest calibre that will benefit both the academic and the industrial communities. PhD students and researchers are encouraged to present their research through posters. This two-day workshop on High Pressure Diesel Sprays and Biodiesel Combustion will identify key areas of research, development, and design that are required for the reduction of the engine out pollutants. This workshop is open for both industry and academia.

I would like to take this opportunity to welcome you to his workshop. This workshop is free of charge but admission is only through registration. Please register your place by completing and returning the registration form at your earliest convenience but no later than 4<sup>th</sup> November 2013. I am looking forward to seeing you all at Brunel University in November.

***Organiser:***

**Dr. Lionel Christopher Ganippa**  
**Centre for Advanced Powertrain and Fuels Research**  
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**Sponsor: UKIERI**

**Registration for Diesel Sprays and Biodiesel Combustion Workshop**

Please complete this form in BLOCK CAPITALS and return by the deadline of **Monday 4<sup>th</sup> November 2013** to: Ms. Rebecca Byrne, Research Office, School of Engineering and Design, Brunel University, Uxbridge, UB8 3PH.  
Fax: + 44 (0)1895 269797      E-mail: [sed.temp@brunel.ac.uk](mailto:sed.temp@brunel.ac.uk)

Title (Mr/Ms/Dr/etc) \_\_\_\_\_  
First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
Institution \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
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PostCode \_\_\_\_\_  
E-mail \_\_\_\_\_

**PhD students and researchers are encouraged to present their research through a poster, please provide the title below. This should be size A1 (Velcro will be provided to attach your poster to the boards)**

Please advise which day(s) you will be attending-

**Diesel Sprays - Wednesday 20<sup>th</sup> November 2013**

**Invited speakers for the Diesel Spray Workshop:**

Dr. Benjamin Bork	Technical University Darmstadt, Germany
Dr. Gilles Bruneaux	IFP, France
Dr. Cyril Crua	Brighton University, UK
Prof. Mark Linne	Chalmers University of Technology, Sweden
Prof. Raul Payri	Universitat Politècnica de València Spain
Dr. Lyle Pickett	Sandia National Laboratories, USA
Dr. Celia Soteriou	Delphi Diesel Systems, UK
Dr. Sebastin Verhelst	Ghent University, Belgium

**Biodiesel Combustion - Thursday 21<sup>st</sup> November 2013**

**Invited speakers for the Biodiesel Workshop:**

Dr. Roger Cracknell	Shell Global Solutions, UK
Dr. Ian O'Gara	Accenture, UK
Dr. Paul Hellier	University College London, UK
Dr. Timothy Jacobs	University of Texas A&M, USA
Prof. Jürgen Krahl	Coburg University, Germany
Dr. Markku Kuronen	Neste Oil, Finland
Prof. Magin Lapuerta	University of Castilla-La Mancha, Spain
Dr. Athanasios Tsolakis	University of Birmingham, UK

**Venue:** Please note that the conference is scheduled to take place in the Council Chamber, Brunel University.

**Accommodation:** Workshop attendees who wish to stay overnight at Brunel University will be expected to book their own accommodation by following the link <http://www.brunelconferenceservices.co.uk/accommodation/>. A list of local hotels and 'bed and breakfast' accommodation close to Brunel is available on request to [sed.temp@brunel.ac.uk](mailto:sed.temp@brunel.ac.uk).