

Workshop

Analytical methods in thermoacoustics

Tuesday, 16th September 2014

At Wychwood Park Hotel, Weston, Crewe CW2 5GP

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| 9am - 10am | Lecture by Dr Susann Boij, KTH Stockholm, Sweden
"Modelling wave propagation in flow" |
| 10am - 11am | Assignment by Dr Susann Boij |
| 11am - 12pm | Lecture by Professor Maria Heckl, Keele University, UK
"Introduction to thermoacoustics theory" |
| 12pm - 1pm | Lunch at Wychwood Park Hotel Restaurant |
| 1pm - 2pm | Lecture by Dr Camilo Silva Garzon, TU Munich, Germany
"Network models in thermoacoustics" |
| 2pm - 3pm | Assignment by Dr Camilo Silva Garzon |
| 3pm - 4pm | Lecture by Professor Maria Heckl
"Introduction to Green's functions" |
| 4pm - 5pm | Lecture by Professor Maria Heckl
"Application of Green's functions in thermoacoustics" |
| 7pm | Dinner at Wychwood Park Hotel Restaurant |

Wednesday, 17th September 2014

At Keele Sustainability Hub, Home Farm, Keele, ST5 5AA

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| 9am - 10am | Lecture by Professor Sébastien Ducruix, École Centrale Paris
"Theoretical determination of flame transfer function using the G-equation – Comparison with experiments" |
| 10am - 11am | Lecture by Dr Raphael Assier, University of Manchester, UK
"A combustion instability model accounting for dynamic flame-flow-acoustic interactions" |
| 11am - 12pm | Some practical thermoacoustics |
| 12pm - 1pm | Lunch at Keele University Sustainability Hub |

Registration and Payment

The cost of this workshop is £245.00 including lunches and conference dinner.

Please register to attend this event at Eventbrite and pay by credit or debit card.

<https://www.eventbrite.co.uk/e/tango-workshop-analytical-methods-in-thermoacoustics-tickets-12929226665>

or

<http://tinyurl.com/qbxw9j9>

Subject to availability, you may book accommodation at Wychwood Park Hotel at our special conference rate of £80 per room/per night including breakfast. Please call the hotel booking number +44 1270 829200 and quote promotion code **NCKEEB**. A credit card is required for booking.

Complimentary transport will be available from Wychwood Park Hotel to Keele University Sustainability Hub at 8.15am on Wednesday 17th September.

For further information, please contact Fenella Webster, TANGO Administrator, Keele University, Keele, Staffordshire ST5 5BG

Email: f.webster@keele.ac.uk

Telephone: +44 1782 733436