Conference Funding 2018

Title	Name	Institution	Conference Title	Title of Paper/ Presentation
Prof	Kai Luo	UCL	Combustion-DNS Strategy & Data Analysis Workshop	DNS of reactive jet in turbulent cross-flow
Prof	Epaminondas Mastorakos	University of Cambridge	THMT-18	Turbulent Combustion Modelling and Experiments – Recent Trends and Developments
Dr	Edward Richardson	University of Southampton	Combustion-DNS Strategy & Data Analysis Workshop	DNS assessment of double-conditional modelling: DME pilot-ignited methane-air flame
Prof	Nilan Chakraborty	Newcastle University	12th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements	1. Transition in the Minimum Ignition Energy for the localised forced ignition of turbulent homogeneous mixtures 2. Effects of detailed chemistry on multiscale analysis of head-on quenching in premixed turbulent combustion 3. Evaluation of flame are a based on detailed chemistry DNS of premixed turbulent hydrogen-air flames in different regimes of combustion
Prof	Stewart Cant	University of Cambridge	Combustion DNS Workshop, Sorrento	1. Flame self-interactions with increasing turbulence intensity 2. Scaling of the bending effect in turbulent burning velocity
	Yu Xia	Imperial College London	The 25th International Conference on Sound and Vibration (ICSV25) Hiroshima, Japan	1. Effect of flame-to-flame interaction on the flame describing function of a turbulent swirling flame in an annular combustor 2. Effect of wall heat transfer on the flame response to acoustic perturbation in a turbulent swirling combustor
Dr	Stelios Rigopoulos	Imperial College London	16th European Conference on Mixing, Toulouse, France	Coupling Population Balance Modelling with Direct Numerical Simulation for Predicting Asphaltene Fouling in a T-mixer
Dr	Daniel Fredrich	Imperial College London	12th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements (ETMM)	The stochastic fields method applied to a partially premixed swirl flame with wall heat transfer
	Yu Gong	Imperial College London	12th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements	Large Eddy Simulation of an Opposed Jet Turbulent flame
	Jian Fang	Science and Technology Facilities Council	ICCFD10	A Domain-Decoupled Compact Scheme for Parallel Simulations of Turbulence
	Kimberly Bowal	University of Cambridge	World Conference on Carbon	Investigating the effect of long range electrostatic interactions of curved carbon materials in ion-induced nucleation