37th International Symposium on Combustion

Title	Name	Institution	Title of Paper/ Presentation
Dr	Andrew Aspen	Newcastle University	An a priori analysis of a DNS database of turbulent lean premixed methane flames for LES with finite-rate chemistry.
Prof	Grunde Jomaas	University of Edinburgh	Can a spreading flame over electric wire insulation in concurrent flow achieve steady propagation in microgravity?
Dr	Salvador Navarro-Martinez	Imperial College, London	Azimuthally-driven subharmonic thermoacoustic instabilities in a swirl-stabilised combustor
Dr	Dong-hyuk Shin	University of Edinburgh	Residence Time Based Analysis of a Lifted Turbulent DME Jet Flame.
Prof	Nilanjan Chakraborty	Newcastle University	Scalar dissipation rate transport conditional on flow topologies in different regimes of premixed turbulent combustion.
Prof	N. Swaminathan	University of Cambridge	Role of chemically active radicals on MILD combustion inception
Dr	Jun Xia	Brunel University, London	Alkali metal emissions in a pulverized-coal flame: DNS analysis of reacting layers and chemistry tabulation
Prof	Kai Luo	UCL	Reactive Molecular Dynamics Simulation Study of Methane Oxidation Assisted by Platinum/Graphene-Based Catalysts
Prof	Markus Kraft	University of Cambridge	Experimental and numerical study of the evolution of soot primary particles in a diffusion flame
	Chung Ting Lao	University of Cambridge	Modelling Particle Mass and Particle Number Emissions during the Active Regeneration of Diesel Particulate Filters
	Zhi Chen	University of Cambridge	Interaction between self-excited oscillations and fuel-air mixing in a dual swirl combustor
	Andrea Giusti	University of Cambridge	LES/CMC Modelling of Ignition and Flame Propagation in a Non-premixed Methane Jet
Prof	Stewart Cant	University of Cambridge	Topology of pocket formation in turbulent premixed flames
Dr	Edward Richardson	University of Southampton	Residence Time-Based Analysis of a Lifted Turbulent DME Jet Flame