The 13th International ERCOFTAC symposium on Engineering, Turbulence, Modelling and Measurements

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| **Title** | **Lead** | **Institution** | **Title of Paper** |
| Prof. | Nilan Chakraborty | Newcastle University | A comparison between head-on quenching of turbulent methane-air and hydrogen-air flames using detailed chemistry Direct Numerical Simulations. |
| Mr | Hin Yan Tang | Imperial College London | Study of turbulent precipitation in a T-mixer with DNS and DPB. |
| Miss | Jenna Foale | University of Cambridge | Detailed chemistry LES-CMC simulations of lean blow-off in kerosene spray flames. |
| Mr | Jia Wei Lai | Newcastle University | A Priori Direct Numerical Simulation Assessment of Algebraic Flame Surface Density Models for Turbulent Flame-Wall Interaction in the context of Large Eddy Simulation. A comparison between head-on quenching of stoichiometric methane-air and hydrogen air premixed flames using Direct Numerical Simulations. |
| Mr | Daniel Fredrich | Imperial College London | Numerical investigation of a turbulent reacting kerosene spray in vitiated cross-flow |