



SIG Session: Kinematically mixed flows UK (Thursday 4th September) - LTA

The schedule for the “Kinematically mixed flows” UK SIG event is as follows:

Time	Talk	Speaker
10.20-10.25am	Session introduction	Richard Hodgkinson, The University of Sheffield
10.25-10.48am	"The impasse of strain rate quantification in arbitrary and kinematically mixed flow fields"	Richard Hodgkinson, The University of Sheffield
10.48-11.11am	"Progress towards an objective triple decomposition and optimal reference frames"	Edward Skevington (Loughborough University)
11.11-11.34am	"Vortex core identification in entrance pipe flows"	Benjamin Richards (The University of Sheffield)
11.34-11.57am	"Modelling non-Newtonian flows with COMSOL Multiphysics®"	Simon Derry (COMSOL)
11.57-12.20pm	"Deformation rate measures and their application in constitutive modelling and complex flow numerical simulation of complex fluids"	José Esteban López Aguilar (Universidad Nacional Autónoma de México)

Organiser: Dr. Richard Hodgkinson