

## Welcome to CARIFF

The Center of Excellence for Advanced Research in Fluid Flow (CARIFF) was established in December 2011 after a successful scientific journey by many research groups in University Malaysia Pahang. A tradition of excellence in research was created at the beginning by many researchers through applying modern theoretical and experimental fluid dynamic technologies, and that led to number of impressive achievements in the fields of Drag Reduction, Multiphase Flow Systems, Oil and Gas Technologies and Reactive Fluid Dynamics.

Large numbers of national and international recognition and awards were achieved by the research group creating the center in the fluid flow field such as the gold medals and best invention awards from Malaysia 2007, 2008, 2009 and 2010, GENEVA 2009, Korea 2009, Korea 2010, Germany 2010 and USA 2011. More than 20 patents were registered in the Malaysian patent office for research work related to the fluid flow enhancement in pipelines in the past four years.

The center highly welcome all scientific contributions within its scopes which are:

1- Drag Reduction and Multiphase Flow Systems

2- Fluid Mixing and CFD Methods

3- Oil and Gas Flow Technologies

4- Aerodynamics and Wind Technologies

5- Reactive Fluid Flow

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