

Virtual Mobility Program

Computational Fluid Mechanics: An Introductory

Overview

Fluid mechanics is the science that deals with the behavior of fluids at rest (fluid static) or in motion (fluid dynamics) and the interaction of fluids with solids or other fluids at the boundaries.

Application of this occupying science can be diverse. In this program, at least four distinct areas are explored with an overview in physical and engineering studies as well as field specific thoughts in boundary layer and cavity flows. Participant will also have the chance to enhance practical skills via interactive software guide on modelling related problems in the area.

Program tentative

Date: 17 Nov 2021

Time	Program
10am -11am	Welcoming speech by ISM Head Introduction to fluid mechanics, types of fluids and its formation, real world applications.
11am – 1pm	Exploring mathematics revolving fluid mechanics for application in physics and engineering
2pm – 4pm	Programming using numerical and analytic softwares Closing ceremony.

Enrollment Fee

The enrollment fee for this program is RM80 /\$20

Organizer

This program is organized by:

Institute of Mathematical Sciences
Faculty of Science
University of Malaya
Kuala Lumpur, Malaysia.

Registration link

Registration can be done using the following link:

<https://bit.ly/2QJXPFO>

or the QR code:



Contact person

Any enquiries can be forwarded to:

saab@um.edu.my

(Dr. Shaiful Anuar)