

Workshop on "Fascination with Systems Engineering"

Objectives

The purpose of this workshop is to raise awareness around the application of systems engineering in multiple industries. It is cross cutting and has several interfaces with traditional electrical, electronic and communications engineering and many of the topics covered by the ELECOM 2018 conference page. Participants of this workshop from both academia and industry will benefit from the wide experience of the presenters and the real-life applications in major industries.

Duration & Venue

The workshop will be held on the 29 Nov 2018, from 09:30-16:00.
 Registration Deadline : 29 Nov 2018

Programme

09.30-10.30	"Bridging the Skills Gap for Industry 4.0"Part 1 by Beatrys Lacquet and Nic Cloete-Hopkins
10.30-10.45	Tea break
10.45-11.45	"Bridging the Skills Gap for Industry 4.0"Part 2 by Beatrys Lacquet and Nic Cloete-Hopkins
11.45-12.15	"Why Engineering and Systems Development projects Fail" by Paul Bester
12.15-13.15	Lunch

13.15-13.45	"Systems Engineering methodology – Towards Successful Projects Management" by Letlotlo Phohole
13.45-14.15	"Application of Human Factors in a Port Socio-technical system" by Jessica Hutchings
14.15 – 14.45	"The Utility of Systems Dynamics in Discipline-Specific Applications – Examples from the world of Medicine and Public Health" by David Rubin
14.45-15.00	Tea break
15.00-15.30	"Control Theory and Systems Dynamics Simulations of Electric vehicle Market Penetration in South Africa" by Nalini Pillay, Alan Brent and Josephine Musango
15.30-16.00	"Big Data Innovation and the Application of Standards for Business Resiliency in the Financial Services Industry in the Journey into the Future Industrial Revolutions" by Caroline Herron and Nic Cloete-Hopkins

Certificate

Participants of the workshop will be awarded a certificate of attendance issued by the University of Mauritius

Training/Registration Fees

Rs. 3500/- per participant including tea breaks and lunch.

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REGISTRATION FORM

N3 2017 1540

Name of Participant:

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Organisation/Institution:.....

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Office Tel:

Fax:

Mobile Tel:.....

Email:

Signature:.....Date.....

Cheque enclosed, Rs. 3,500 per participant → (Yes/No)

N.B. Payment can be effected in cash, card (at the Finance Section, UoM) or cheque. Cheque to be drawn to the order of University of Mauritius and crossed. Personal cheques will NOT be accepted.

Once payment is effected, the payment copy/scan of receipt should be sent to the following address:

Dr V Bassoo
Electrical and Electronic Engineering Dept.
Faculty of Engineering
University of Mauritius, Reduit.
v.bassoo@uom.ac.mu

Receipts may also be faxed on 465-7144 to emailed to:
v.bassoo@uom.ac.mu

N.B. The University of Mauritius reserves the right not to run the workshop should the number of participants be insufficient. Seats will be allocated on a "first come first serve" basis.

NOTE : This course has been approved by MQA.