SCILAB Applications Workshop 2012

28 November 2012
Universiti Kebangsaan Malaysia

Hands-on Applications Workshop with SCILAB

Scilab **Applications Workshop**

About the Workhop

In this workshop, participants will understand how they can benefit in using SCILAB on various applications. Get hold of information on SCILAB 5.4.0 and experience for yourself on how to tackle issues of science and engineering through working examples. Self experience this from our speakers & presenters in Signal Processing, Control Systems, Image Processing and User Interface.

This 1-day workshop is dedicated to all staffs, researchers, post graduate students and students of Universiti Kebangsaan Malaysia and made possible with the collaboration between Trity Technologies and Pusat Teknologi Maklumat, UKM.

Participants to the workshop in general are expected to have some prior experience in computer programming (e.g. C, MATLAB, SCILAB) and domain knowledge in the applications area. We will illustrate the ease of use of SCILAB in the specified application areas.

The Organizer

Trity Technologies, is an exclusive partner for Scilab Online Support (SOS) in the ASEAN region. We are a premier provider of technology products and has extensive experience in providing Scilab training and deploying Scilab solutions to leading government research centers, government agencies and multinational corporations and academic institutions.

EQUALIS
Certified Solutions Partner

SCILAB Applications Workshop

9.00am to 12.30pm
Signal Processing with SCILAB
- *Polynomials in Scilab*
- *Signals in Scilab*
- *Fast Fourier Transform (FFT)*
- *Filtering in Scilab*

Control System with SCILAB
- *Control System Representation in Scilab*
- *System Identification - Data Driven Modeling*
- *Controller Design and Simulation*
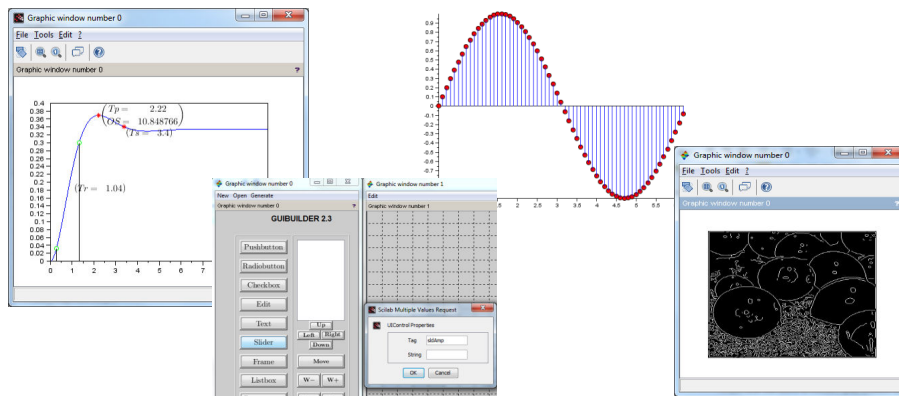- *From Concept to implementation*

2.00pm—5.00pm
Image Processing with SCILAB
- *Image representation in Scilab*
- *Converting from RGB to Gray and Binary image*
- *Convolution and Correlation ⇨ Image filtering and Template matching*
- *Morphological Operation on Image*

GUI with SCILAB
- *Building GUI with Scilab and guibuilder*
- *A simple "Hello World" program*
- *A function plotter GUI with Scilab*

REGISTRATION FORM

Fax to 03-80637736 or email tina@tritytech.com

Name: Dr/Mr/Mrs/Ms _____
(Please provide full name. A Certificate of Participation may be issued based on this name)

Job Designation: _____

Department: _____

Organization/Company: _____

Mailing Address: _____

_____ Postcode: _____

Email: _____ Mobile No: _____

Office Telephone: _____ Office Fax: _____

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SCILAB Applications Workshop 2012 (UKM)
28 November 2012 (1-day)
9.00am to 5.00pm

Computer Laboratory, Pusat Teknologi Maklumat (PTM)
Kompleks Tun Abdullah Mohd Salleh (KTAMS)
Universiti Kebangsaan Malaysia, UKM Bangi

☐ **Workshop Fee: RM 600 per person**

Method of Payment: ☐ Cheque No: _____ / Cash Deposit*
* Please fax supporting documents for our record
☐ Local Order

I hereby confirm my registration fee of RM_____ and declare that I have read & understood the above terms and conditions.

SIGN HERE   Stamp Here

_____
Authorized Signature
Name:

Organization Stamp
Date: Nov2012