



Dear Participant/Speaker,

Welcome to **Scilab India Conference 2014**, the very first conference on Scilab for Education & Scientific Community in India. The venue for the conference is *Lecture Hall Complex* (LCH 11), IITB campus, Powai, Mumbai. Below are some general guidelines that will help you prepare for the Scilab conference.

Requirements for Presentation and Workshops

Paper and Poster presentation:

- Pen drive containing the soft copies of final paper and presentation slides.
- One hard copy of the final paper.

Workshops:

Participants are expected to carry their laptop along with the necessary softwares installed. The details are given below.

- Scilab Spoken Tutorials for Beginners:
 1. OS: Ubuntu/ Windows 7/MAC OS
 2. Scilab 5.4.1 or higher
- **Image Processing**
 1. **OS:** Windows 7(Two toolboxes are available only on Windows)
 2. Scilab 5.4.1 or higher

Tool boxes: Compulsory

1. Image Processing Design(IPD atom) 8.3.1-1
2. Scilab Image and Video Processing (SIVP atom) 0.5.3.2.-1
3. Scilab Wavelet Toolbox 0.1.20-3
4. Huffman Coding Toolbox 1.1.1-1
5. Sndfile toolbox 0.1.20-3

Tool boxes: Optional

1. Image_Processing_Toolbox_2.2.0-1
2. IPT3 1.0-0
3. Integer Wavelet Transform Toolbox 1.0-1
4. Portaudio-play and record audio from your sound card
5. Wavelab-1.0.1-1
6. Signal_processing_supplementary_toolbox 1.0-2

- **Interfacing Scilab With Arduino**
 1. **OS:** Windows 7(Toolbox is available only on Windows.
 2. Please install [drivers](#) for Arduino board before the workshop.

3. Scilab 5.5.0
4. **Toolboxes:** Will be provided during the workshop.
5. Arduino board and other components: Will be provided during the workshop.
6. Note: This is a group workshop. The kit will be shared among the registered participants.

Preparation for Group Discussion

Participants/speakers will get to participate in the group discussions held at the Scilab India conference 2014. The participants/speakers should join one of the groups mentioned below. The discussions are held in parallel and will be followed by the presentation of group discussion. This presentation will encourage suggestions, questions and brainstorming from the audience. The topics of discussion are :

1. Promoting Scilab
2. Making Scilab comparable to Matlab
3. Lab migration /Textbook Companion project

The major aspects of discussion are:

- Current situation and limitations
- Major road blocks ahead
- Strategies to be devised to overcome difficulties
- Financial model
- Local strategies
- Strategies for different target users (College, Engg. ,Polytechnic ,ITI , School)
- Web support required
- Future possibilities, recommendation and improvements

The participants/speakers are also encouraged to discuss other aspects apart from the ones mentioned above.

For further assistance, please feel free to contact us at the below numbers:

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----- See you soon ! -----

