

# 2011 Scilab Contest Instructions

## ***Submission of the module***

With each module you have to give:

- One page in English with the name of the module, the authors and their affiliation, and a brief description of the module.
- A paper in English which describes the requirements for using the module such as the operating system (Windows, Linux...), the compilers (C, C++...), the libraries (JAVA...), Scilab version and other relevant information if needed, together with a small user's guide which explains how to install the toolbox with Scilab.

## ***Technical points***

The purpose of these technical points is that your module can be used by other people using Scilab. After the requirements for using the module are fulfilled, the user must be able to use the module with his **standard** Scilab version. This is an important point because then your module can be put on Scilab Web site and so be easily available for all Scilab community.

- The Scilab distribution that must be used for the contest is the official stable **version 5.3** or higher. It can be downloaded from Scilab Web site **www.scilab.org** or **www.scilab.org.cn**.
- The module will be given as:
  - A compressed file using standard file compressor such as zip or gzip. The compressed file must only include the module and possibly all what is necessary to use it (such as additional libraries for instance): the module must work with **standard Scilab versions already installed**. We recall that for building and loading modules into Scilab, standard way must be used. For that you can find the model of a standard module in Scilab distribution: SCI/contrib/toolbox\_skeleton.
  - A better way is to use ATOMS <http://atoms.scilab.org/>. So your module will be loaded automatically from Scilab.
- The module must include on-line help files describing its purpose and the on-line help of each user callable Scilab function if any. The help files must be written using the standard XML language using Scilab DTD.
- A demonstration of the module, using for instance Scilab “demo” files, will be appreciated.