

What you need to do BEFORE going to the ISM School

In order to save time and be more efficient during the school, we ask you to follow this instructions BEFORE you travel to the school.

IMPORTANT NOTE

Be sure all electronics you bring is adapted to AC, 50Hz, 220V.

Software requirements:

DS9: <http://ds9.si.edu/site/Home.html>

IRAF: <http://iraf.noao.edu/> or through SCISOFT (contains also Ds9)
<https://www.eso.org/sci/software/scisoft/>

GAIA: <http://starlink.jach.hawaii.edu/starlink/HawaikiDownload>

CLOUDY: <http://www.nublado.org/>

PDR_LIGHT: ftp.strw.leidenuniv.nl/pub/ism2014/PDR_Light (check the README file inside the tar ball for instruction on how to install)

PARIS-DURHAM MODEL: These softwares are widely used and you can find help with the installation in the internet (their own website or with a google search) or at your own institution. If you still have problems with the installation you can ask for help in our Facebook group of the School (<https://www.facebook.com/groups/1401603440092560/>), where your schoolmates (participants, lecturers, or organisers) will be able to help you.

During the practical session, the participants will work with the state-of-the-art 'Paris-Durham' model. They will remotely launch shock models through a Java client that will only require the participants to have an up-to-date version of the Java software on their laptop. The model runs will be executed on a dedicated server hosted by the Meudon Observatory, so that no individual calculation power requirement is necessary.

The Java client can be downloaded here: http://ism.obspm.fr/?page_id=383. We kindly ask the participants not to use it before the start of the school, but the participants are strongly encouraged to test its installation before the start of the school (simply by downloading, installing, and opening the client). Any problem can be reported to my email address : antoine.gusdorf@lra.ens.fr

Once the model is executed, the outputs are retrieved via a simple download from an address sent to the user by email. The practical sessions will be largely based on the use of these outputs, for which the knowledge of a plotting software by the participants is required (gnuplot, python, Kaleidagraph, IDL,...).
