

Title:

Numerical methods for large-scale dissipative dynamical systems

Note:

During the course on 'Numerical methods for large-scale dissipative dynamical systems' you will have the opportunity to practice the numerical techniques explained with a software prepared for the course. Everything is thought to work on a Linux system. The only requirements are having the fortran (modern fortran) compiler 'gfortran', the libraries 'lapack' and 'blas', and the plotting program 'gnuplot' installed. The software has also been checked to work on a Macintosh laptop. People using Windows should use a Linux emulator or a Live Linux distribution (Ubuntu, for instance) which could be booted from a CD, DVD or memory stick without installing it to the hard disc. We suggest you to have these tools (gfortran, lapack, blas, and gnuplot) installed before the course starts if you want to do the exercises which will be proposed. The course can, of course, be followed without them.