

Wikiprint Book

Title: Training courses in modipsl and libIGCM

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IPSL Training courses

Training courses in modipsl and libIGCM

The platform group at IPSL climate Center gives 2 different one-day training courses in how to use the IPSL models and the tools necessary. Both courses are given in English. In general the morning is dedicated to lecture and the afternoon to hands on exercises. The courses are given at *Maison de la Simulation* or at *IDRIS* in a classroom equipped by computers used during the hands on sessions. See below the description, presentation and exercises of the latest training courses. This material is updated before each new course.

1- **Basic training course** to learn how to use modipsl and libIGCM. This course is for beginners and for people who want to refresh their memory. Download the presentation here : [Training_Course1_201510.pdf](#). See here details for the program : [program_for_basic_training_session.pdf](#)

2- **Advanced training course** : the second course is for users with some experience with modipsl/libIGCM. This course is also recommended for everybody that followed the Basic training course. You'll learn about post-treatment, see how to best follow a simulation, repair errors, verify and redo post-treatment, and more. Download the presentation here : [Training_Course2_201510.pdf](#). See here details for the program : [program_for_advanced_training_session.pdf](#)

-- **Hands on exercises** : The exercises are done at temporary training account at ada IDRIS but most of the exercises can also be done at TGCC(curie) or LSCE(obelix). Download the hands on exercises here : [Training_exercises_oct2015.pdf](#). See the answers to questions here: [Answers_training_exercises_oct2015.pdf](#)

Inscription in advance to the courses are needed. This is necessary to have entrance access at IDRIS or at "Maison de la simulation" where the courses are given. For inscription you need to indicate your login at TGCC/IDRIS or LSCE(obelix), your nationality and who is your employer.

How to get to IDRIS

See details here <http://www.idris.fr/eng/general/contacts/access-idris-eng.html>.

How to go to Maison de la Simulation

If you're used to go to LSCE, continue with the bus or navette CEA one stop later and walk for 5-10 minutes. See details here <http://www.maisondelasimulation.fr/Phocea/Page/index.php?id=62>.

Next training : to be defined

Last training session 20-21 of October 2015

The training course in running environment of IPSL models will be given 20th and 21th of October at IDRIS in Orsay (91). The full 2-day course or parts can be attained.

Day 1- 20th of October, 9h30-17h : Basic training session to learn how to use modipsl and libIGCM. This day is for beginners and for people who want to refresh their memory. The session contains lecture and hands on session.

Day 2- 21th of October, 9h30-17h : Advanced training session : for users with some experience with modipsl/libIGCM. You'll see how to best follow a simulation, repair errors, verify and redo post-treatment, and more... There will be a specific part to present news on v6 configurations. This training is open and recommended to people who have done the "basic training". The course contains lecture and hands on session.

Additional information :

- The course will be held at IDRIS in Orsay. See here how to go there <http://www.idris.fr/eng/general/contacts/access-idris-eng.html>.
- The course will be held in English if needed.
- The hands on sessions will be done on the IDRIS training computers. (login/passwd will be provided during the training)

Please send by email your **inscription before 10th of October** to Anne Cozic with following information :

- which days you want to follow (the first, the second, or both)
- if you want an English session or a French session.
- your nationality
- your expectation about the course (specific questions,...)

- Bring your ID card or passport both course days to enter the IDRIS building. To be allowed to enter the building you must make the inscription in advance.

Older training sessions

- 20th and 21th of October 2015 : basic and advanced
- 4th and 5th of November 2014 : basic and advanced
- 21th and 22nd of May 2014 : basic and advanced courses 1 and 2
- 5th and 14th of November 2013 : basic and advanced courses 1 and 2
- 17th and 18th of April 2013 : basic course 1
- October 2012 : basic course 1

BOOTCAMP IPSL

Have you just started your PhD and do you easily get lost in front of a terminal? Would you like to learn core tools and become more productive in your research?

In a daily-based climate science work, there exists a wide range of tools used to simplify scientific work. They are well known by the community, but might be not at all for a beginning PhD student. At the same time, supervisors do not usually have time to introduce them to their students ...

The 'IPSL Boot camp' pretends to amend this issue. The course will provide a first approach to a bunch of well known and useful tools such as: NetCDF tools (nco, cdo, ncdump...), Python, Ferret, Unix commands, Bash and Shell scripts, Vi and Emacs, Version control (Svn) ... to any one who has never known about them.

A small group of IPSL researchers and engineers will provide a first touch to anyone within the IPSL who might require it. Short tutorials, practical exercises and live coding are the main ingredients of this very first introductory sessions of core tools that can simplify your research work.

1) The course will be held at IDRIS in Orsay. 2) The course will be held in English 3) Hands-on sessions will be done on the IDRIS training computers. (login/passwd will be provided during the training)

4) Please send by email your inscription before 14th of March to Anne Cozic (Anne.Cozic@...) with following information :

- your nationality
- your expectation about the course (specific questions,...)

Last training session 24 of March 2016

You can find all presentation and documentation [here](#) (private access for IPSL users)