

FOR 2012

25th session from
**JANUARY 11TH to
FEBRUARY 9TH**
Grenoble, FRANCE

ERCA

**European
Research
Course on
Atmospheres**

ERCA is a course for PhD students, scientists and engineers from universities, public research institutes and private research or industrial organizations. It is a high level international course on the Physics and Chemistry of the atmosphere of planets, the climate system and climate change, atmospheric pollution at different scales and the human dimensions of environmental changes.



PROGRAMME 2017

ERCA course will consist in a series of high-level lectures given by lecturers from all continents and a project study on the atmospheres by the students, advised by the lecturers.

January 11th > February 4th
GRENOBLE

LECTURES

- Atmospheric chemistry and atmospheric composition changes
- Earth climate system and the science of Climate change
- Earth Science system - Impact and society
- Experimental techniques and research methodologies for the Atmospheric Sciences
- Hydrology and Precipitation: water cycle in climate change
- Planetary atmospheres and space weather

PRESENTATIONS (given by the participants)

PROJECT WRITING (on the atmosphere by participants)

VISITS & PRACTICALS

- Laboratory of Glaciology and Geophysics of the Environment
- Planeterrella
- Coriolis platform
- Snow monitoring

February 5th > 9th
**OBSERVATOIRE DE
HAUTE PROVENCE (OHP)**

- Temperature, wind and ozone lidars
- SAOZ and Dobson spectrometers
- Balloon sounding
- Optical telescopes
- CO2 measurements
- Mediterranean forest platform



<http://erca-school.eu>

CONTACT

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ORGANISATION OF THE SCHOOL

Didier VOISIN, UGA - Director
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Joseph GERMIANO, Youlia MAZET - ERCA Contacts
Organizing committee:
L. FAVRE, A. SARKISSIAN, M. BARTHÉLÉMY, S. MORIN

LECTURERS

Lecturers are world leading scientists in the fields of atmospheric sciences, climate, hydrology, planetology. The complete list of lecturers can be found on the ERCA web site.

FINANCIAL SUPPORT

Financial support will be available for a limited number of candidates from emerging and developing countries, Eastern & Central Europe and personnel of French CNRS.

DEADLINE for application
on the web site:
**September
18th, 2016**

