

FASF 2015: Climate change: more or less snow?

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As part of the **French-American Science Festival 2015**, Dr. Laurent Terray (European Center for Research and Advanced Training in Scientific Computing) will give a free public lecture about the scientific aspects of climate change and examine some of the climate change deniers arguments and show that most of the time, they reveal a complete misunderstanding of the basic physics of the Earth climate system.

- **When:** April 30, 2015, 6:30pm
- **Where:** Alliance Française de Chicago (810 N Dearborn St, Chicago, IL 60610)
- **Registration**
- **Lecture in English**
- More information about the **French-American Science Festival** at <http://sciencefest.france-science.org/>

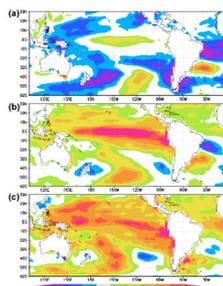
About the presentation

Human activities are rapidly changing the composition of the atmosphere through the burning of fossil fuels and changes in land use, such as those associated with agriculture and deforestation. Many recent observed changes in climate are broadly consistent with increased radiative heating at the Earth's surface.

Despite all this, climate change deniers keep using the same arguments to refute the warming of the Earth climate and the anthropogenic influence as the main cause. In this talk, Dr. Terray will examine some of these arguments and show that most of the time, they reveal a complete misunderstanding of the basic physics of the Earth climate system. He will also insist on some of remaining challenges for climate research with a focus on the prediction of regional climate changes, in particular those related to changes in the hydrological cycle.

Attending this conference will help you understand the scientific aspects of climate change and their influence in the current debate about its importance.

Free public lecture, in English, followed by a Q&A with the audience and a wine and cheese reception. Exclusive occasion to attend a lecture with such talented French scientists!



About the speaker



Dr. **Laurent Terray** is a Senior scientist at [CERFACS](#) (European Center for Research and Advanced Training in Scientific Computing). He is the director of the Sciences of the Universe research laboratory, which is a joint laboratory between [CNRS](#) and CERFACS. He has been active in the field of climate research for more than 20 years. He has extensively worked on climate variability and climate change at interannual to multidecadal time scales using both observations and climate models.

Dr. Laurent Terray is an expert on the detection and attribution of anthropogenic climate change and related impacts at global to regional scales. He has been involved in research activities on these themes within many national and european projects. He is currently visiting the [National Center for Atmospheric Research](#), in Boulder, and working with Dr. Clara Deser on the influence of internal variability on future regional scale climate projections.