PRESS INVITATION
Paris-Saclay, 27 May 2024

Yves Balkanski
Director of Institut Pascal, Université Paris-Saclay

And the scientific organising committee of TROPICANA,

are pleased to invite you to

a press conference for TROPICANA, a scientific programme organised by Institut Pascal

Monday 3 June 2024 at 3:30 PM (CEST)
at Institut Pascal, 530 Rue André Rivière, 91400 Orsay

With the participation of:

- **Kerry Emanuel,** Emeritus Professor of Atmospheric Science at MIT (United States)
- **Robert Vautard**, Co-Chair of Working Group I of the Intergovernmental Panel on Climate Change (IPCC), CNRS Research Director in Climatology (France)
- **Samira Khodayar**, Director of the Mediterranean Centre for Environment Studies, Valencia (Spain)
- **Davide Faranda**, CNRS Research Director in Climatology at the Laboratory for Sciences of Climate and Environment (LSCE - CEA/CNRS/UVSQ/Univ. Paris-Saclay) (France).

The conference will be hosted by **Suzana Camargo**, Research Professor at Columbia University (United States).

Hurricanes, typhoons and cyclones are all known for the devastating impacts they can have on lives and towns. How can we improve our understanding of these destructive storms and predict their behaviour, particularly in light of climate change? **Some of the field's leading experts will be able to answer your questions during this press conference for the TROPICANA programme**. The upcoming 2024 hurricane season, which promises to be exceptional, will be among the topics discussed.

"*Tropical cyclones are one of the major threats to vulnerable regions around the world, including France. Recent advances in our understanding of cyclones will certainly be included in future IPCC reports*," says Robert Vautard, Co-Chair of Working Group I of the IPCC, CNRS Research Director in Climatology (France).

The press conference will be held in English and in hybrid format. Journalists will also be able to attend the keynote conference given by Kerry Emanuel on "Overview of Medicanes, Polar Lows and Subtropical Storms", from 2 to 3 pm (CEST).

If you would like to attend the press conference, please register by confirming the media you work for by email at service.presse@universite-paris-saclay.fr. Please indicate whether

you would also like to attend Kerry Emanuel's keynote conference from 2 to 3 pm (CEST).

If you would like to attend the press conference online, you will be sent a link after registering.

About the TROPICANA programme

TROPICANA (TROPIcal Cyclones in ANthropocene: physics, simulations & Attribution) is a scientific programme which aims to address complex issues surrounding tropical cyclones and their relationship with climate change.

Current climate models struggle to replicate severe storm dynamics, creating uncertainty in forecasts. To overcome this, TROPICANA uses an innovative approach involving physics, modelling, statistical methodologies and climate attribution studies.

Lasting for a total of four weeks, the programme includes workshops, discussions, conferences, and outreach events, hoping to encourage collaboration, the sharing of knowledge and project development. Lectures, practical training and awareness events are also on the agenda for students and the general public. The project will culminate with an article in a prestigious journal, contributing valuable insights to climate science.

You can find more information on the programme here

About Institut Pascal

Institut Pascal was created as a space to encourage the exchange of ideas and the development of international collaboration in all of the scientific fields studied at Université Paris-Saclay. The institute was created in 2018 by Université Paris-Saclay with the French National Centre for Scientific Research (CNRS), the French Alternative Energies and Atomic Energy Commission (CEA), the Institut des Hautes Etudes Scientifiques (IHES) and the French National Institute for Research in Digital Science and Technology (Inria). One of the institute's main objectives is to organise scientific thematic programmes, or "pop-up laboratories', where members of the international scientific community can meet and collaborate for periods lasting from a few weeks to several months.

Institut Pascal