DOCTORAL COURSES EXTREMES, RISK, CLIMAT AND ENVIRONMENT

7-17 MARCH 2022, INSTITUT HENRI POINCARE, PARIS

3 Courses:
- **Extreme Climate Risk and Environment Statistical modelling of environmental extremes**, Daniela CASTRO-CAMILO (Glasgow University) with tutorial in R
- **Risk Analytics**, Valérie CHÁVEZ-DEMOULIN (Lausanne University) with tutorial in R
- **Regular variation: Basics and beyond**, Anja JANSSEN (Magdeburg University)

**Target audience:**
This series of courses is open to master and doctoral students in applied mathematics (e.g., proba, statistics, data analysis), as well as to all interested researchers and teachers. These courses are courses of the Doctoral School of Mathematical Sciences of Paris Centre (ED 386).

**Objective of the courses:**
The goal of the courses is to provide probabilistic and statistical tools for assessing the risk associated with extreme events. The practical use of the extreme value analysis is illustrated with the R software on environmental and financial risk assessment.

**Registration:**
Free but mandatory via the google form [https://docs.google.com/forms/d/e/1FAIpQLSe9ZptX6LU0i7WfhWvVsGH7KLGUqjElJeC6lckhOyXCg39Ow/viewform?usp=sf_link](https://docs.google.com/forms/d/e/1FAIpQLSe9ZptX6LU0i7WfhWvVsGH7KLGUqjElJeC6lckhOyXCg39Ow/viewform?usp=sf_link)
The capacity for the courses Statistical Modeling and Risk Analytics being limited to 30 persons.

**Planning**

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**Website:**
[http://wintenberger.fr/courses](http://wintenberger.fr/courses)
for more information and the syllabus of the courses.

**Organizers:**
Philippe NAVEAU (LSCE, IPSL, grant: 80 PRIME CNRS, ANR MELODY),
Maud THOMAS and Olivier WINTENBERGER (LPSM, Sorbonne University),
Members of the ANR Project T-REX ([https://cdombry.perso.math.cnrs.fr/ANR-TREX.html](https://cdombry.perso.math.cnrs.fr/ANR-TREX.html)).