

SPECIAL

Climate Day

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The Rencontres de Noirmoutier Conference



From atmospheric to Earth system model: A suite of numerical models to understand, analyse and anticipate climate changes

Jean-Louis Dufresne

09:15 - 10:05

Monitoring the climate at a global scale with satellite observations : tools and challenges

Helene Brogniez

Key messages from the IPCC assessment of the physical science basis How are they built, what do they mean, what are the open questions for the next assessment?

Sophie Szopa



Key messages from the IPCC assessment of mitigation options How knowledge from climate, engineering and social science is combined to provide insights on mitigation policies

Franck Lecocq



Clouds: acteurs across scales; from nanometers to global

Andrea Flossmann

14:00 - 14:25

5-sigma : Is Climate Change More Detectable than the Higgs Boson ?

Laurent Terray

Computing ,data analysis and tools for HEP and Astro/Cosmo

Dominique BOUTIGNY

14:50 - 15:30

Future Circular Collider

Dr Andreas Hoecker

15:30 - 16:10

Einstein Telescope

maria marsella

16:10 - 16:50

Climate :
Physics, Data, Challenges
State of the art from IPCC
And More !

The future of our Fields:
Science, Status, Challenges
And inputs on sustainability

Second part of the afternoon:

Round Table on

How to Pursue Fundamental Research with Minimal Environmental and Human Footprint



Featuring:

- Dufresne Jean Louis
- Hoecker Andreas
- Marsella Maria
- Terray Laurent

Panel Moderator:

- Gouny Claire

Including time for discussion,
with priority for Early Career Scientists.