

# Variations of the Global Overturning Circulation of the Ocean

COLLOQUE DE SÉMINAIRE

Vendredi 10 juin 2022

CHAIRE ÉVOLUTION DU  
CLIMAT ET DE L'OcéAN

Organization:  
Edouard BARD

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## PROGRAM

Vendredi 10 juin 2022 de 9h à 18h,  
Amphithéâtre Marguerite de Navarre

- 09h00 Edouard BARD (Collège de France & CEREGE)  
*Introduction and Paleoceanographic Perspective*
- 09h50 Pascale LHERMINIER (IFREMER, LOPS, IUEM, Brest)  
*Observed variability of the Atlantic  
Meridional Overturning Circulation*
- 10h40 Juliette MIGNOT (IRD, LOCEAN, Paris)  
*The Meridional Overturning Circulation:  
Drivers, and Representation in Numerical Models*
- 11h30 Anne-Marie TREGUIER (CNRS, LOPS, IUEM, Brest)  
*Importance of Mesoscale Processes for Meridional  
Transports, Boundary Currents and their Variability*
- 12h20 *Lunch Break*
- 14h30 Fortunat JOOS (Bern University)  
*The Role of the Deep Ocean Circulation in the Global  
Carbon Cycle: Insights from Model Simulations*
- 15h20 Luke SKINNER (Cambridge University)  
*Reconstructing and Interpreting Past Changes  
in the Global Overturning Circulation and  
their Impacts on the Carbon Cycle*
- 16h10 Gerrit LOHMANN (Bremen University)  
*Modes and States of the Meridional  
Overturning Circulation*
- 17h00 Didier SWINGEDOUW (CNRS EPOC Bordeaux)  
*On-going changes and possible fate of  
the North Atlantic ocean circulation and its  
impacts on climate and biodiversity*
- General discussion and conclusion*

Les cours, séminaires, tables rondes et conférences sont gratuits,  
en accès libre, sans inscription préalable.



COLLÈGE  
DE FRANCE

— 1530 —

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