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ABOUT THE COVER:

Schematic of the Global Ocean Circulation (“Great Conveyor Belt”), which plays a major role in the Earth’s climate through the transport of heat around the globe. The estimated circulation time is about 1000 years. The insert gives the result of a ^{39}Ar concentration measurement at ATLAS from a water sample taken at a depth of ~4700 m in the South Atlantic. From this measurement, a ‘ ^{39}Ar age’ of the sample of ~300 years is obtained.