



Dipartimento di Fisica e Sezione INFN di Torino

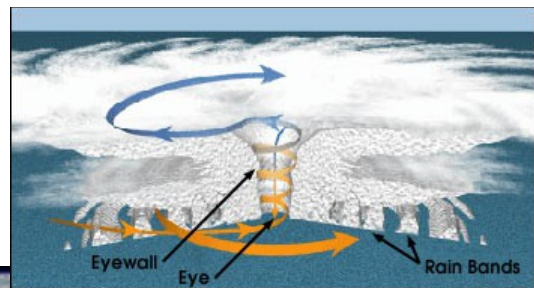
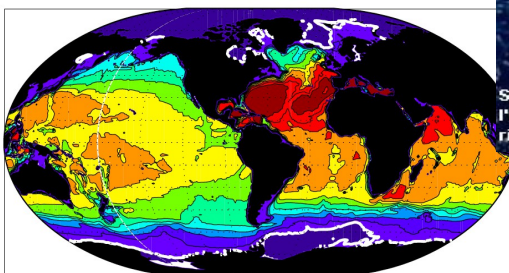


PHYSICS COLLOQUIUM

Friday 25 November 2016, **15:00, Aula Magna**

Claudia Pasquero
(Univ. Milano Bicocca)

Ocean heat content and its role on some climatic processes



Settembre 1985:
l'uragano "Pat"
ripreso dallo spazio

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Heat fluxes at the air-sea interface depend on the dynamical and thermodynamical unbalance between oceans and atmosphere. The oceanic response to variable surface fluxes will be discussed in relation to intermittent forcing, climate variability, and climate change. The effects of ocean stratification and water column heat content on surface temperatures and on atmospheric processes will be discussed. The interactions between upper ocean heat content and tropical cyclones will be presented with some detail.