



## **Some aspects of the Coupling between Ionosphere with neutral middle atmosphere and thermosphere**

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This paper briefly reviews some characteristics of the coupling between the Ionosphere and middle atmosphere and thermosphere through dynamics, electrodynamics and thermodynamics processes. It seems inconsistent to describe Ionosphere without taking into account the global thermal and dynamical structure of the atmosphere. In this presentation I emphasize the coupling between all these components. The main points concern the vertical coupling by dynamical motions.