

# LFM

Magnetohydrodynamics

$$\Delta x_{LFM} = O(10^{-2})$$

## LFM-MIX

## CMIT

(LFM-MIX-TIEGCM)

# MIX

Magnetosphere-Ionosphere  
Coupler/Solver

$$\Delta x_{MIX} = O(10^{-1})$$

# TIEGCM

Ionosphere

$$\Delta x_{TIEGCM} = O(10^2)$$

