

Tools for Swapping & Repository of Drivers

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<http://ccmc.gsfc.nasa.gov>

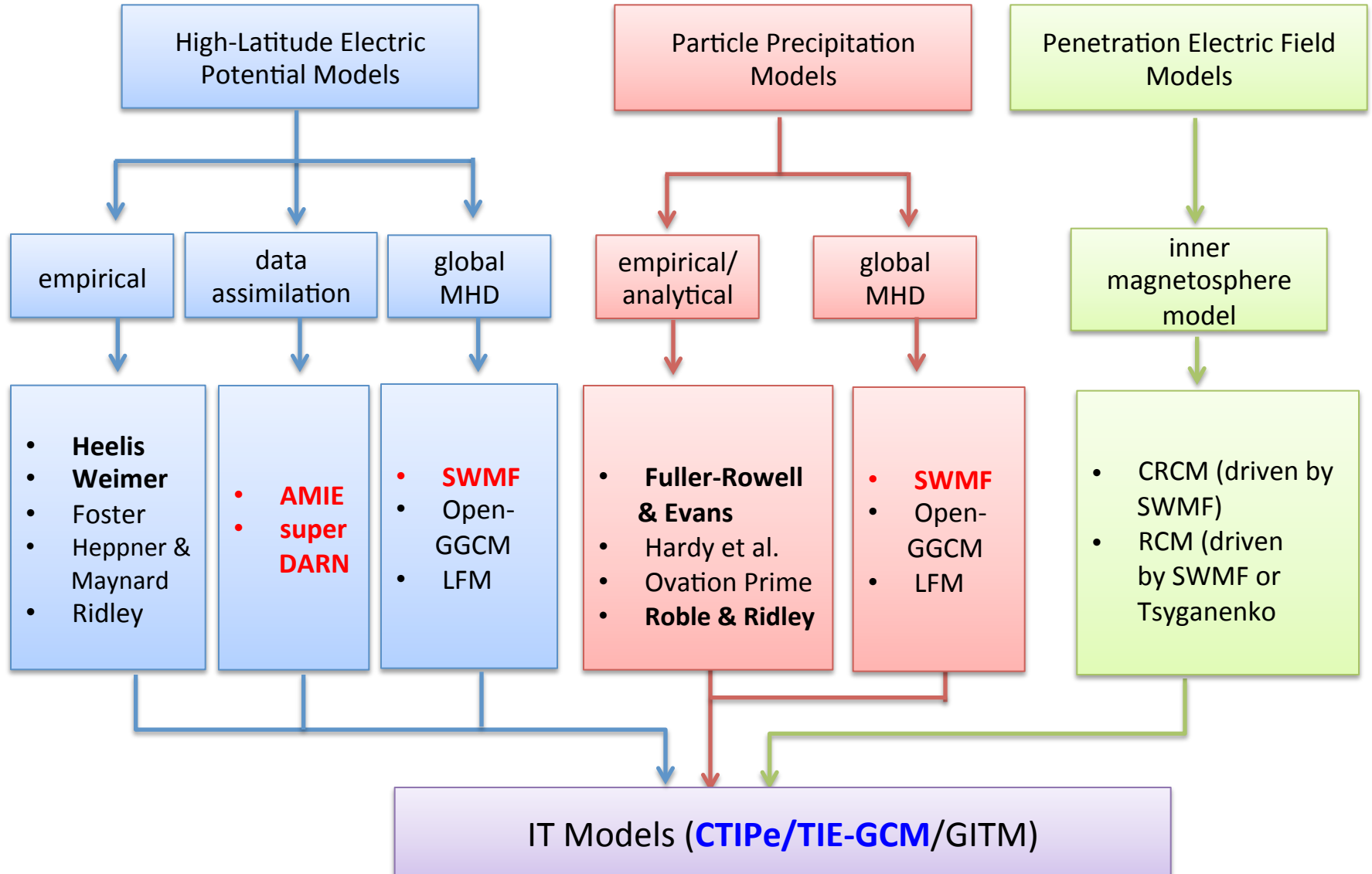
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Tools for Swapping Drivers

- **Kameleon-converter:**
convert outputs of any ionosphere electrodynamics models (including ionospheric electrodynamics outputs from global MHD models, AMIE, Weimer, etc.) into the same format (cdf)
- **Kameleon-interpolator:**
can be called as a subroutine from any code to provide values on the grid (tested with CTIPe and TIE-GCM, and will be implemented for GITM)

MI Coupling: Driver-Swapping Community Tool



Repository of Drivers

- Current Status:
<ftp://hanna.ccmc.gsfc.nasa.gov/pub/GEM-CEDAR/out/high-latitude-drivers/>
- Models:
 - SWMF
 - AMIE: Aaron Ridley (UM), Geoff Crowley (ASTRA)
 - superDARN Assimilative Mapping (SAM): Ellen Cousins (UCAR), Simon Shepherd (Dartmouth)
- Events:
 - E.2006.347 : 12/13-12/15/2006
 - E.2001.243 : 08/31-09/01/2001 (only for SWMF)
- Data frequency:
 - 5 min: SWMF, AMIE
 - 10 min: superDARN
- New additions
 - CMIT, Weimer05
 - More events or continuous runs?