

1. WRF DYNAMICAL CORE

atmospheric flow :
conservation of
momentum, mass,
energy, tracers

2. LMD MARS PHYSICS

radiative
transfer,
heat
transfers

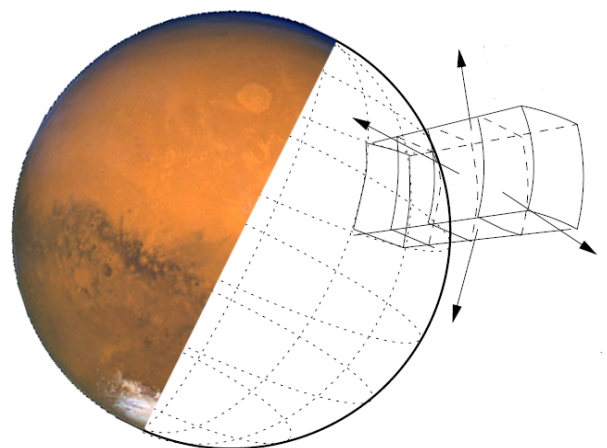
dynamical
parameterization
(mixing, gravity
waves)

microphysics, chemistry,
lifting/sedimentation

+ Slope insolation scheme



Topography
Thermal inertia
Albedo



Initial state
Boundary conditions