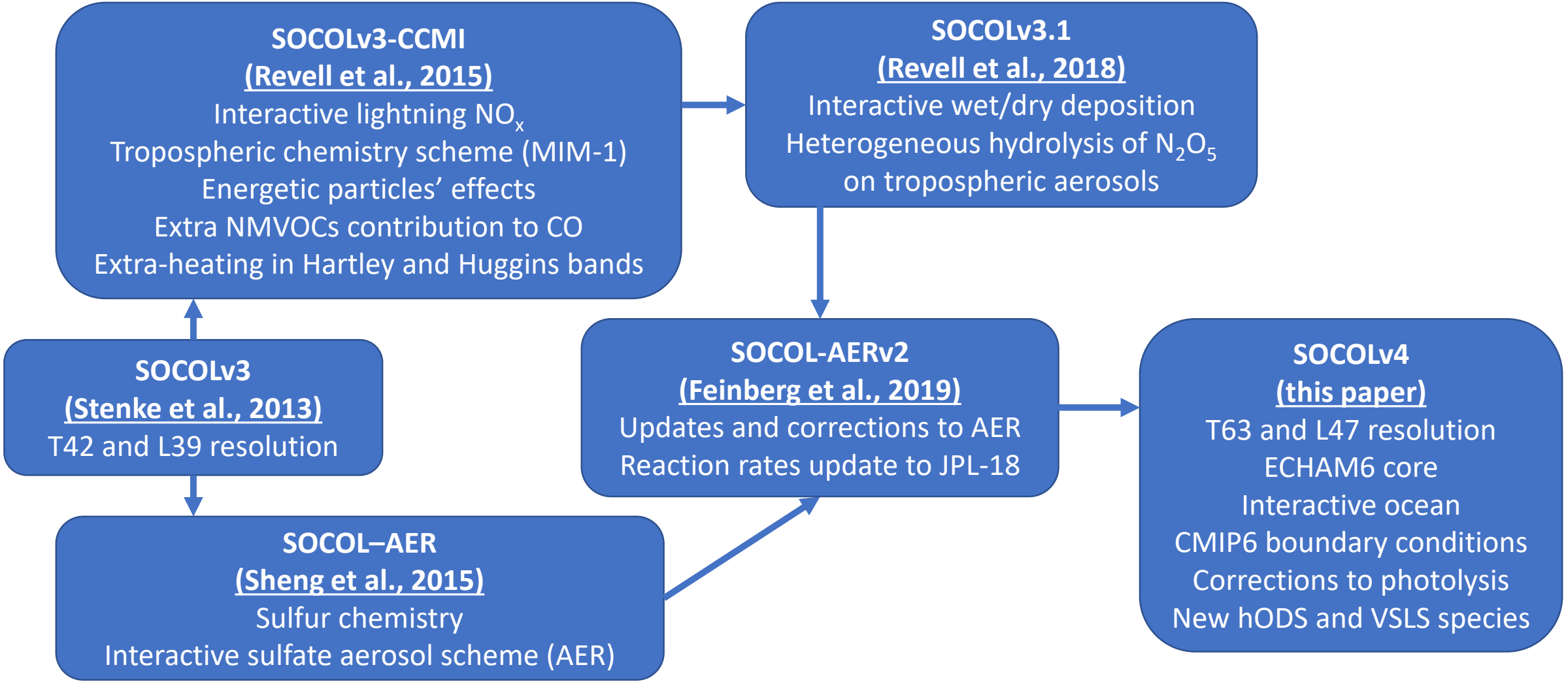
SOCOLv3-CCMI
(Revell et al., 2015)
Interactive lightning NO_x
Tropospheric chemistry scheme (MIM-1)
Energetic particles' effects
Extra NMVOCs contribution to CO
Extra-heating in Hartley and Huggins bands
SOCOLv3.1
(Revell et al., 2018)
Interactive wet/dry deposition
Heterogeneous hydrolysis of N_2O_5
on tropospheric aerosols
SOCOLv3
(Stenke et al., 2013)
T42 and L39 resolution
SOCOL-AERv2
(Feinberg et al., 2019)
Updates and corrections to AER
Reaction rates update to JPL-18
SOCOLv4
(this paper)
T63 and L47 resolution
ECHAM6 core
Interactive ocean
CMIP6 boundary conditions
Corrections to photolysis
New hODS and VSLS species
SOCOL–AER
(Sheng et al., 2015)
Sulfur chemistry
Interactive sulfate aerosol scheme (AER)