

Dipole: time=1 (16 sec with 32 spp)


Dipole + BSDF + transmittance

+ single scattering


Our model, multiple scattering: time $\times 6$
(88 sec with 16 spp)


Our model, all scatterings: time x 6
(104 sec with 16 spp)

Approximating BDPT multiple scattering:
$B D P T(20)-B D P T(4)$


Full BDPT: time x 120
(32 mn with 4000 spp)

