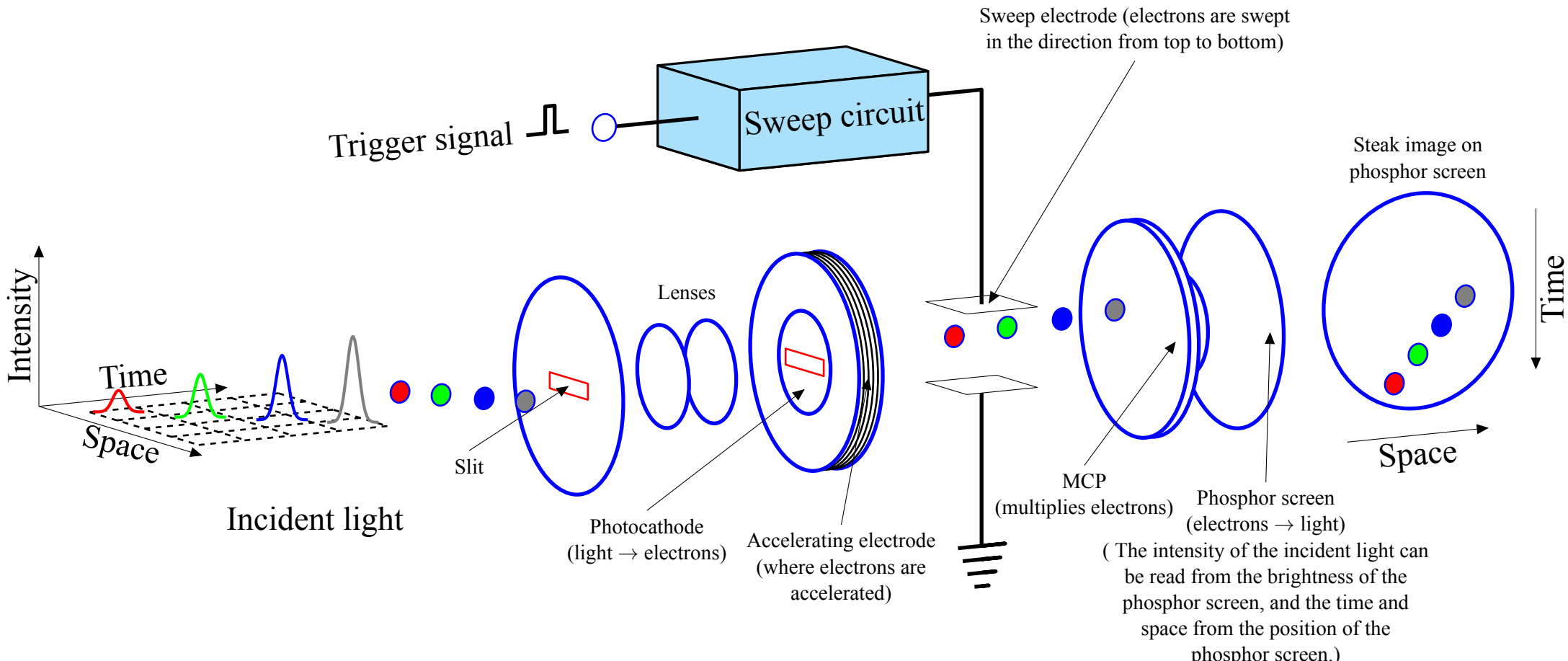
Sweep electrode (electrons are swept in the direction from top to bottom)
Trigger signal
Sweep circuit
Steak image on phosphor screen
Intensity
Time
Space
Time
Space
Lenses
Slit
Incident light
Photocathode (light → electrons)
Accelerating electrode (where electrons are accelerated)
MCP (multiplies electrons)
Phosphor screen (electrons → light)
(The intensity of the incident light can be read from the brightness of the phosphor screen, and the time and space from the position of the phosphor screen.)