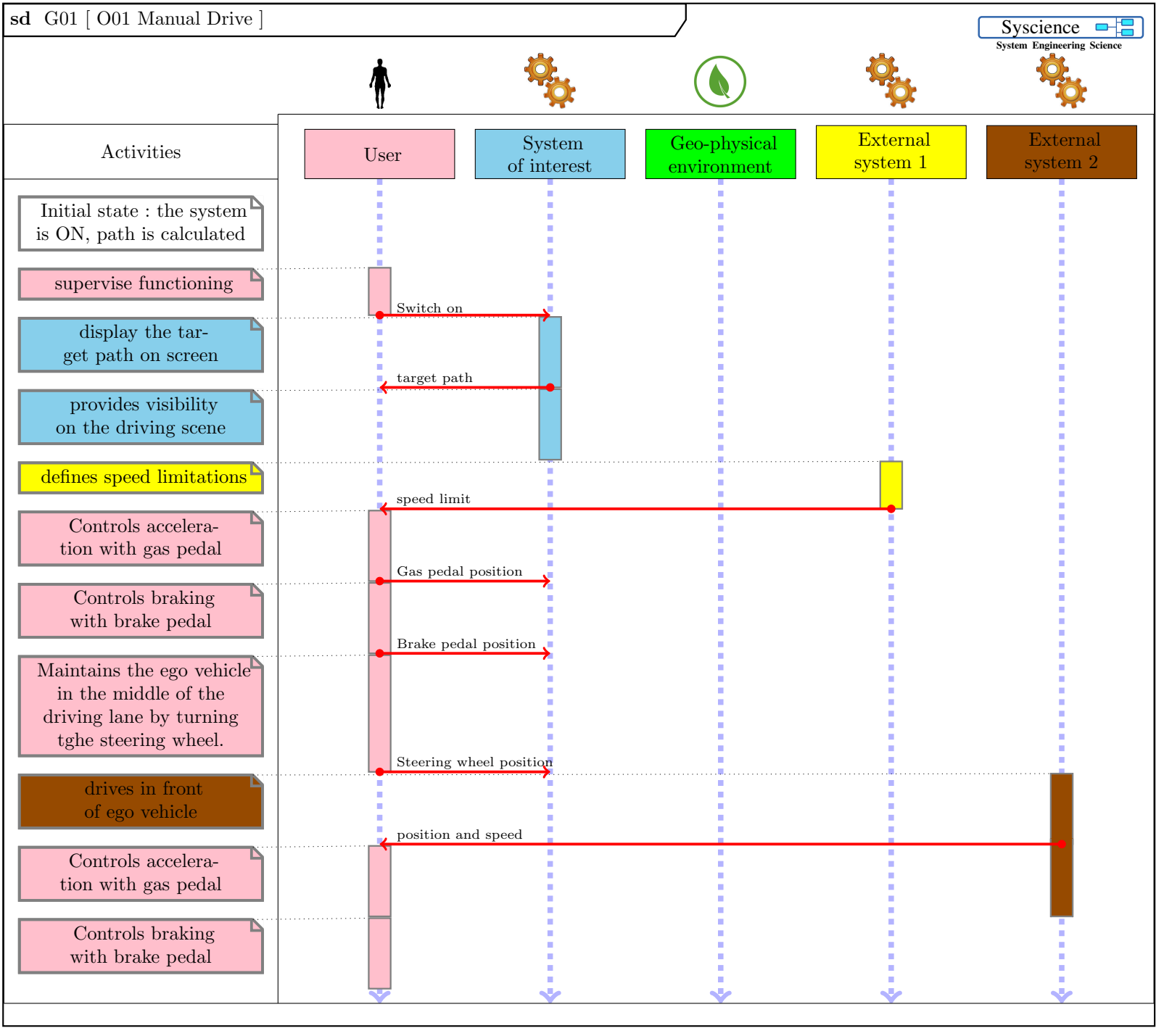
sd G01 [ O01 Manual Drive ]
Syscience
System Engineering Science
Activities
User
System of interest
Geo-physical environment
External system 1
External system 2
Initial state : the system is ON, path is calculated
supervise functioning
Switch on
display the target path on screen
target path
provides visibility on the driving scene
defines speed limitations
speed limit
Controls acceleration with gas pedal
Gas pedal position
Controls braking with brake pedal
Brake pedal position
Maintains the ego vehicle in the middle of the driving lane by turning tghe steering wheel.
Steering wheel position
drives in front of ego vehicle
position and speed
Controls acceleration with gas pedal
Controls braking with brake pedal