I appreciated all the changes provided by the authors.

My only concern is on the abstract that is defective in explaining what is the major contribution of the authors (as now explained in the conclusion). This is my suggestion to add some information in the abstract:

... Here we propose an executive module (... Here I would add something that clarifies that a graphic interface for develop and debug is introduced and adapted for ROS and is called Robograph) ...

Thanks for the suggestion. We have changed the abstract clarifying it:

“A programming environment named RoboGraph is introduced and adapted to work with this architecture. RoboGraph includes a graphical interface that allows the edition, execution, tracing and maintenance of the Petri nets. For the execution, a dispatcher loads these Petri nets and executes the different behaviors. The RoboGraph monitor that shows the state of all the running nets has proven to be very useful for debugging and tracing purposes”.