> *Can you specify also a fault model that is linked to the FDIR model supposed to monitor that fault?*

Yes, it is possible to specify a fault model at functional, logical, or physical model, in the same spirit than the SLIM model used in COMPASS.


> *Did you consider to generate automatically a formal model from the DSL FDIR model (as supported in COMPASS)? It seems to me feasible. That would enable automated scenario generation, verification, and fta.*

Yes, it is the idea behind the Model Based FDIR Design toolset


> *FDIR generally comprises faults recovered autonomously and automatically by the system and faults that require operator interaction. How could this be addressed in the approach you are proposing?*

TAS internal FDIR Editor (SCOPE FDIR) allows to specify monitorings that are not handled autonomously by the system. However, they are not yet linked with ground monitorings at operator level. This is identified as an enhancement activity and will probably be done in the future.


> *Do you have a plan to "close the loop" (Modelling and integrating system behaviour) and make the dreams of system engineers becoming real?*

This is a research topic. Investigation areas are co-simulation (interfacing with already existing domain specific simulators) and use of COMPASS (but needs to build a behavioural model of the system in AADL).