The "Torino" design implemented in PandaRoot consists on sensible planes placed at the official positions, for tracking studies (which I am doing) and physics analysis about background rejection.
The "Dubna" design is the same (in general terms) but has a high level of details (box/tube/wire). At the moment there are no "ProcessHits" or other functions for simulation inside PandaRoot and digitization, only geometry root file.