

SuperB Fast-Simulation phone meeting - IFR

Giuliano Castelli and Marcello Rotondo

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- Updated to the [last environment](#).
- Modified [PacDetector/pacrat_BaBar.cfg](#) to take into account the only-cylindrical (no endcaps) 15-layers IFR-geometry and run it successfully allowing a measurement only in the first iron layer, i.e. for the IFR in the field *measures* there is a single 4 followed by fourteen -1, at regime there will be 4 and -1 intervalled fifteen times.
 - For the plastic layers, there is not a defined material as ifr-Plastic, we have used ifr-ABSplastic for the moment, but a new material is probably needed.
 - In this exercise there is the DIRC in the geometry and the PacDir directory as well, but with its code not integrated with the rest, and not at all the EMC.
- Modifying the environment and source code to allow measures in the ifr-Iron layers.
 - Added the string “override LINK_PacIfr += PravdaMC” to [PravdaMC/link_PravdaMC.mk](#).
 - Compiled modifications with “gmake PacIfr.lib” followed by “gmake Pravda.bin” or “gmake Pravda.all”.
 - Deleted old files and added the skeleton working code in [SVN at LBL](#).
 - Modified [PacDetector/PacCylDetector.cc](#) as well but not checked-in in SVN as it is not a file in the PacIfr directory but a general one.
 - Run with all these changes “PravdaMCApp ../PravdaMC/example_PacTrl.tcl”, in the [output](#) the string “ifr” could be found.
 - Modifying PacTrk/PacReconstructTrk.cc to get the measure, but this morning there were perhaps problems at SLAC or unknown, and the command “PravdaMCApp ../PravdaMC/example_PacTrl.tcl” ended in [this way](#) and sit there forever without continuing the run.