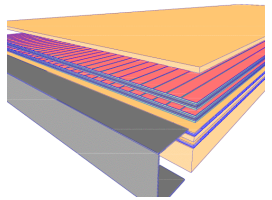
# Muon Database Status & Plans



## Event Model

RPC Digits now available

*Initial tests have been made, few corrections needed*

*Allows for Barrel reconstruction to proceed*

Graphics of MDT and RPC Digits + Detectors

*See plots (thanks Julius)*

TGC Digits expected this summer

*Gustavo Wolf*

## Identifiers

Schemes now defined for MDT, RPC, TGC (CSC)

*See general document and*

http://home.cern.ch/muondoc/software/Database/docs/MuonID-0.3.ps

MDT and RPC identifiers now implemented

*Uses "old" station ID*

*RPC's to change slightly (second phi division)*

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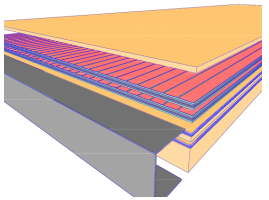


## Identifiers (cont)

Will be implementing new Station Identifiers soon:

| StationName | StationEta | StationPhi |
|---|---|---|
| BIL,BML,… | Barrel: [-6,11]+[1,6] | |
| T1E,T2F,… | TGC: [-5,-1]+[1,5] | [0,7] |
| CSS,CSL,… | CSC: [0] | |

## Detector Description

TGC_DetDescriptor next in line

*Expected this Autumn (Daniel Lellouch)*

AGDD tests by MDT and RPC developers

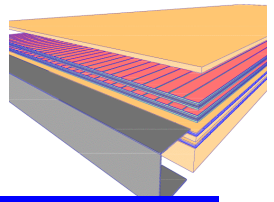
*See pictures*

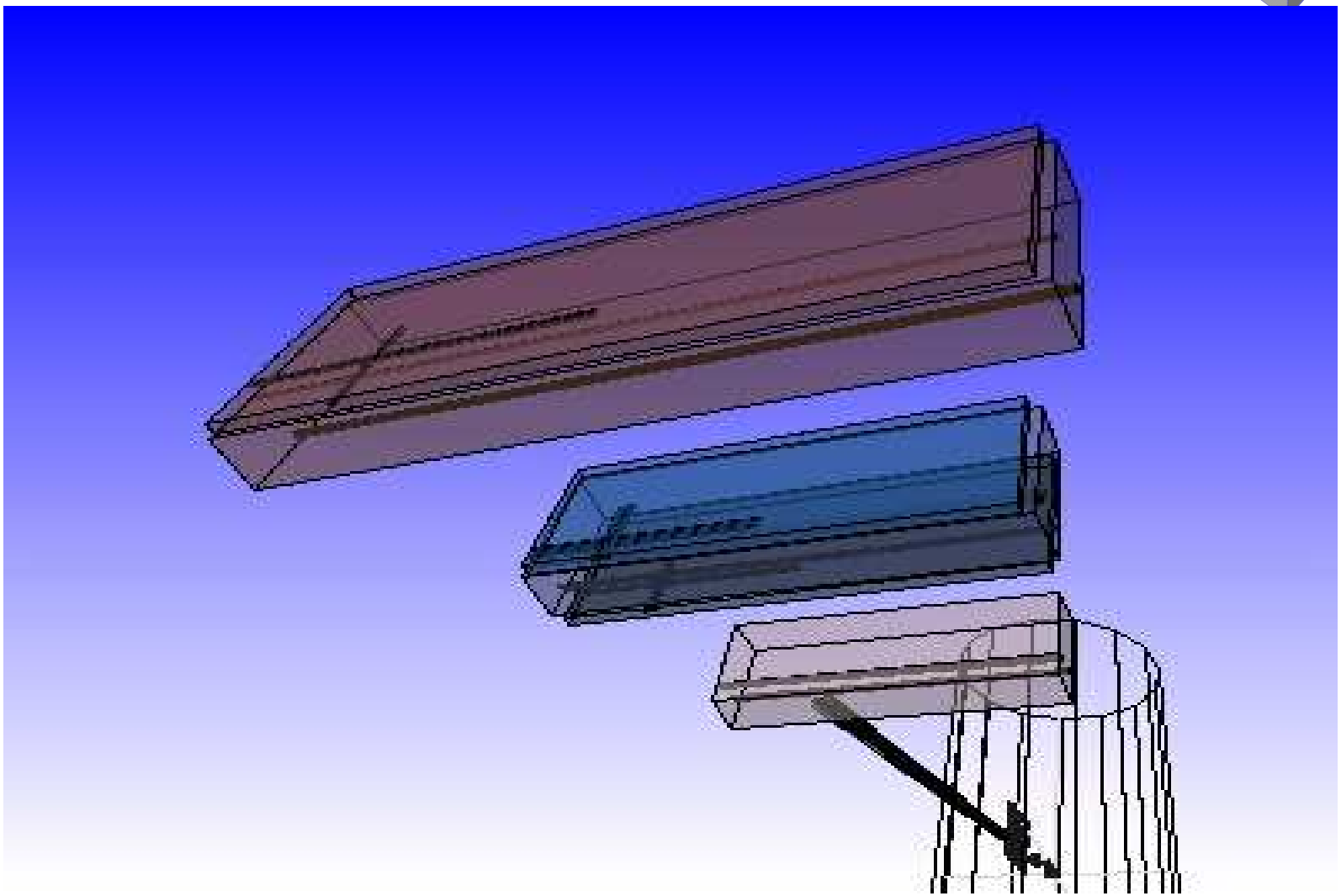
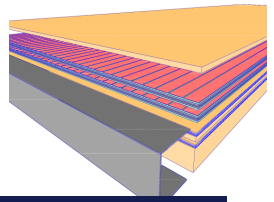
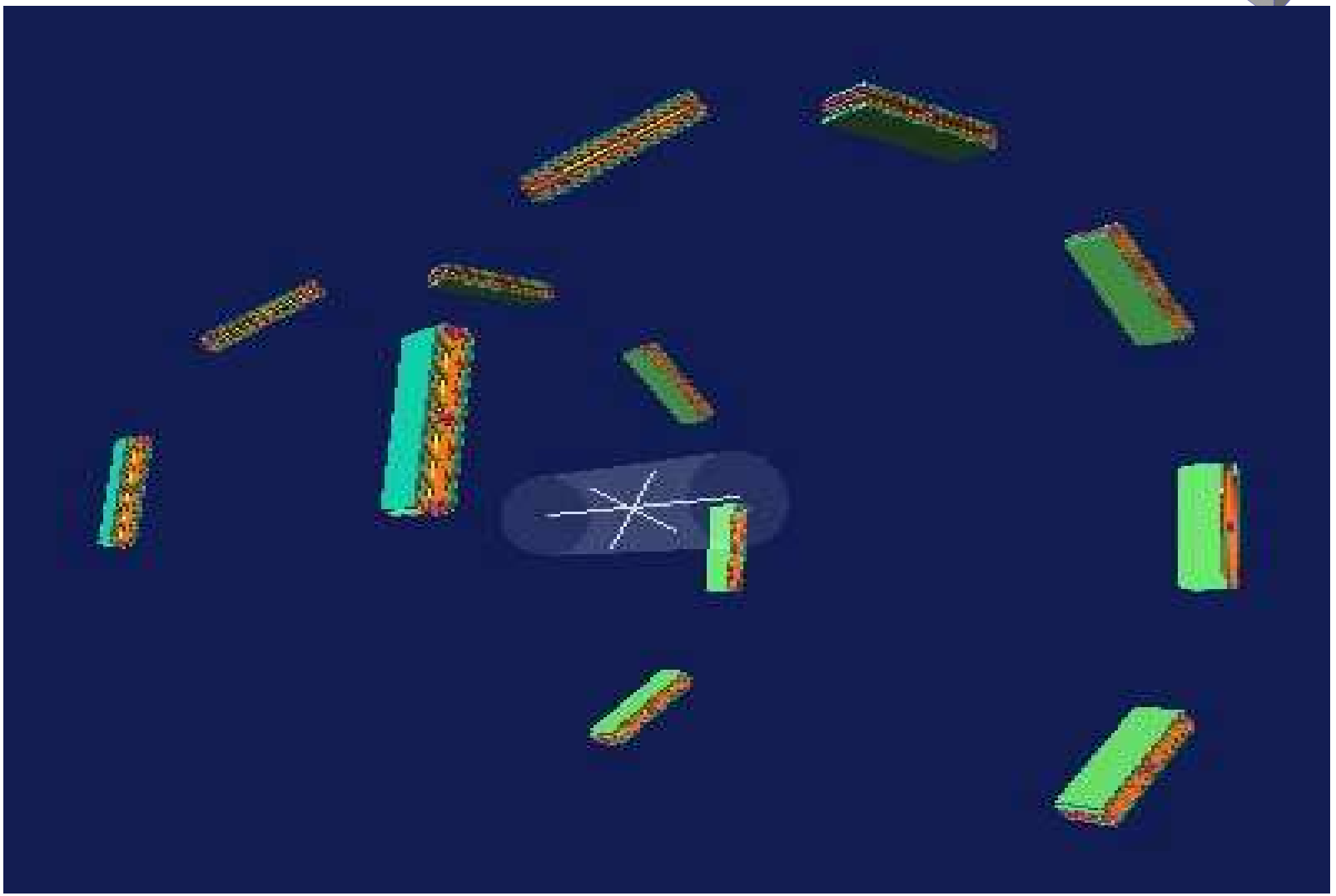
*Want stackX, stackY, stackZ implemented*

*Test planned for GEANT4 (this Autumn)*

S. McKee, A. Rimoldi, myself

# MDT and RPC Digits





# BMS1 Stations in XML