Future Plans for Detector Materials Assay Program: Interaction with Consortia and TC

Juergen Reichenbacher

South Dakota School of Mines & Technology (SDSMT)



DUNE Backgrounds Mitigation Strategies Workshop

BGs TF Proposes Extensive QA/QC Materials Assay Program

(e.g. many hundreds of gamma-ray assays desired before and during installation)



Current Situation:

BGs TF explores critical BG sources and asks people in corresponding consortia and LBNF on a case by case basis (impossible to attend all consortia meetings for TF leaders)

Possible Situation 1) in Future:

Each consortium and LBNF provides a BGs liaison person

BGs TF interacts with liaison persons in consortia/LBNF

Possible Situation 2) in Future:

Each consortium and LBNF have a subgroup for BGs (WBS)

BGs TF interacts with consortia/LBNF WBS subgroup (enough synergies?)

Possible Situation 3) in Future:

BGs TF transforms into its own consortium