JUPITER
JLC Unified Particle Interaction and Tracking EmulatoR

JUPITER
Generates Monte-Carlo Truth

Features
    easy to modify detector configuration
    Facilitates component-wise (un)installation

Future
- Interface to XML/CAD database
- ROOT Object Output

GEANT4 BASE

※惑星・衛星の大きさ、順番は実物とは関係ありません。

IO
Input/Output module set

METIS
Monte-Carlo Exact-hits To Intermediate Simulated output

LEDA
Library Extention for Data Analysis

URANUS
Unified Reconstruction and ANalysis Utility Set

IO
Converts Jupiter's output to ROOT objetcts

Features
    Easy to adopt various output formats from Jupiter

Future
I/O of intermediate results from METIS and URANUS

METIS
Module set to simulate event reconstruction. Inherits from URANUS's modules

Features
    Easy to switch simulation level on module-by-module basis

Future
GUI to facilitates simulation level switching

URANUS
Reconstruction program for real data

Reconstruction program under development by individual detector subgroups

ROOT(JSF=JLC Study Framework) BASE