



MICE Tracker Software

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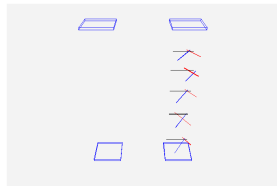
Tracker Software Team

- Anastasia Belozertseva
- Summer Blot
- Ray Beuselinck
- Adam Dobbs
- Chris Heidt
- Ken Long
- Matt Littlefield
- Oleg Lysenko
- Edward Santos



Progress

- Unpacking - working for cosmics
- Data structure - definitions in place
- Geometry - translated into GDML
- Monte Carlo - initial implementation in place
- Hits (Digitisation) - **in trunk**
- Clusters - **in trunk**
- Spacepoints - **almost ready for trunk**
- Pattern recognition (straight) - well advanced
- Pattern recognition (helical) - progressing well



Visualisation of spacepoints

To do

- Unpacking - re-write as part of standard MAUS unpacker
- Geometry - schema still being defined
- Monte Carlo - needs a full implementation
- Calibration
- Channel Mapping
- Pattern recognition - finish and get into trunk
- Track fitting
- Visualisation
- Documentation