



ID de Contribution: 67

Type: **Talk**

## Status of Nuclear Emulsion for Directional Dark Matter Search

*mardi 27 juillet 2010 10:40 (20 minutes)*

We are approaching the R&D of high resolution nuclear emulsion:NIT for directional dark matter search. NIT is the only detector that is direction-sensitive and solid.

Now this project is developing for construction of prototype detector and test running. In this talk, status of new production system of nuclear emulsion and readout system of recoil tracks will be reported.

**Author:** M. NAKA, Tatsuhiko (Nagoya university)

**Co-auteurs:** Prof. NAKAMURA, Mitsuhiro (Nagoya university); Dr SATO, Osamu (Nagoya university); Dr NAKANO, Toshiyuki (Nagoya university)

**Orateur:** M. NAKA, Tatsuhiko (Nagoya university)

**Classification de Session:** Parallel session : Direct Searches 2

**Classification de thématique:** Dark Matter Direct Searches