

# Directional Detection White Paper

Cygnus 2009

# The Motivation

- Strong community in theory and experiment
- Great progress and more to come
- Cygnus 2007, 2009, ...
- Fast-moving field, hard to document!
- An opportunity to promote directionality, and our community

# The Whitepaper Outline

Motivation and expected signatures (Anne Green)

Status of directional experiments

DRIFT (Neil Spooner)

DMTPC (James Battat)

Emulsions (Toshiyuki Nakano, Tatsuhiko Naka)

MIMAC (Daniel Santos)

NEWAGE (Kentaro Miuchi)

Additional ideas and  
contributions are welcome

# Logistics

- Section chairs responsible for 2-3 pages
- Develop white-paper during workshop  
Discussion time is integrated into schedule

Today: noon & 5 pm (informal)

Friday: 7-9 pm

Saturday: 11 am onward

Reports, open discussion and writing time

- I will merge the submissions and distribute the document

## Saturday

- 9:00      The Cygnus Campaign  
            Dr. Kentaro Miuchi
- 9:15      Directional Detection and DUSEL  
            Prof. Dan Snowden-Ifft  
            Prof. Peter Fisher
- 9:45      Future Plans in Europe  
            Prof. Neil Spooner