

Safety Review of PHENIX Aerogel Detector

Agenda:

Introduction

General Issues, Materials, Electrical

Mechanics & Installation

Electronics

Ed O'Brien

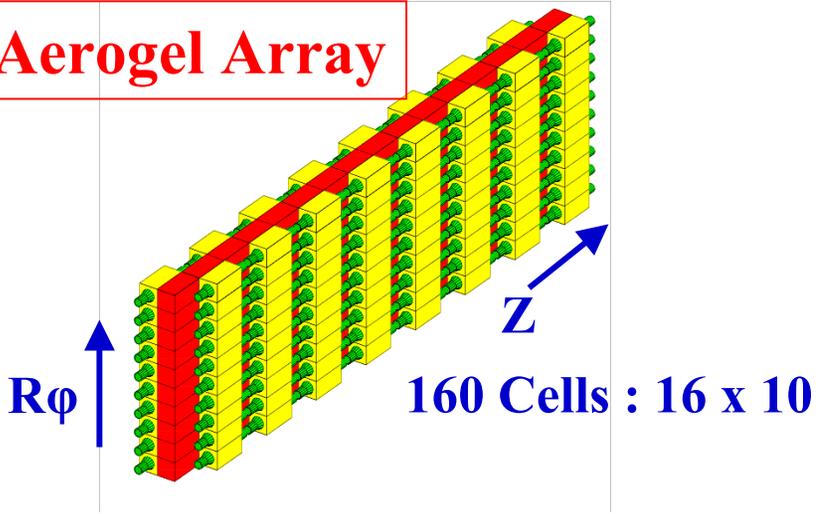
Susumu Sato

Pete Kroon

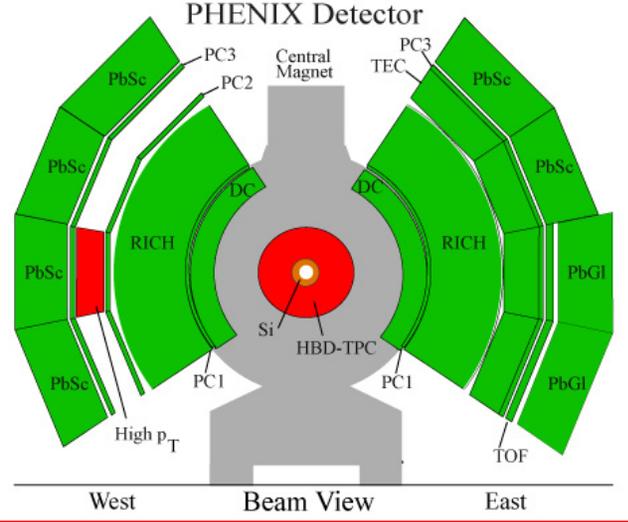
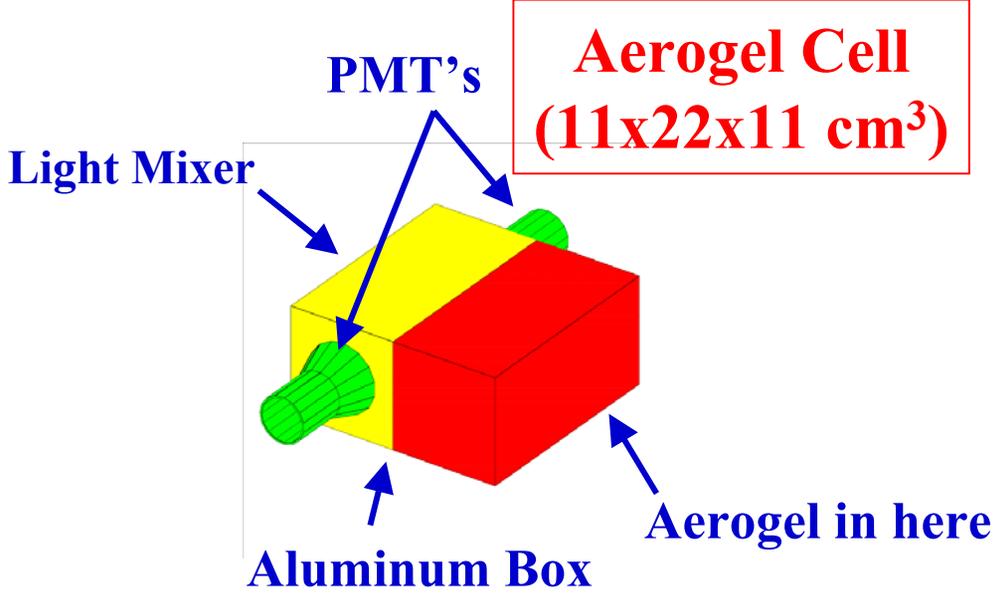
Kyoichiro Ozawa

Aerogel Sector in West Carriage

Aerogel Array



Aerogel Cell
(11x22x11 cm³)



- The Aerogel detector is a threshold Cerenkov counter
- Aerogel is a very low density, SiO₂ – based solid
- Aerogel has index of refr. between gases & liquids.
- Ident. charged particles in a range inaccessible with other technologies.