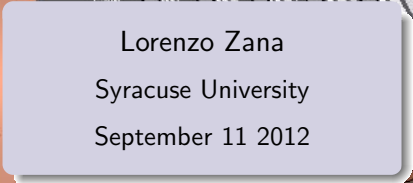
A 3D architectural rendering of a building's interior, showing a large, curved structure with a grid of columns and a curved ceiling. The scene is rendered in shades of orange and brown. A white text box with a drop shadow is centered over the image.

# NEUTRON BACKGROUND RADIATION IN SOLID

A white text box with a drop shadow, containing the author's name, affiliation, and date.

Lorenzo Zana  
Syracuse University  
September 11 2012

## Question and comments from last Dry Run

- EC background (PVDIS) discrepancy between FLUKA and GEANT4 **Work in progress.**

## Question and comments from last Dry Run

- EC background (PVDIS) discrepancy between FLUKA and GEANT4 **Work in progress**.
- GEANT4 and FLUKA each provide unique capabilities expanding the overall reach. FLUKA needs implementation of SoLID Physics production from the target. **Work in progress** (see [Link to previous update on August 15](#) ).

## Question and comments from last Dry Run

- EC background (PVDIS) discrepancy between FLUKA and GEANT4 **Work in progress**.
- GEANT4 and FLUKA each provide unique capabilities expanding the overall reach. FLUKA needs implementation of SoLID Physics production from the target. **Work in progress** (see [Link to previous update on August 15](#) ).
- Balance of radiation coming from the target and coming from the baffles and where from the baffles. **Work in progress** (simulation under way, I hope to have the results by Friday)

## Question and comments from last Dry Run

- EC background (PVDIS) discrepancy between FLUKA and GEANT4 **Work in progress**.
- GEANT4 and FLUKA each provide unique capabilities expanding the overall reach. FLUKA needs implementation of SoLID Physics production from the target. **Work in progress** (see [Link to previous update on August 15](#) ).
- Balance of radiation coming from the target and coming from the baffles and where from the baffles. **Work in progress** (simulation under way, I hope to have the results by Friday)
- Time domain studies of the background. **To be addressed**.

## Question and comments from last Dry Run

- EC background (PVDIS) discrepancy between FLUKA and GEANT4 **Work in progress**.
- GEANT4 and FLUKA each provide unique capabilities expanding the overall reach. FLUKA needs implementation of SoLID Physics production from the target. **Work in progress** (see [Link to previous update on August 15](#) ).
- Balance of radiation coming from the target and coming from the baffles and where from the baffles. **Work in progress** (simulation under way, I hope to have the results by Friday)
- Time domain studies of the background. **To be addressed**.
- Realistic evaluation of the material activation in the setup during the experiment. **To be addressed**.