

**The 10th  
Argonne-UCChicago-Fermi  
Collaboration Meeting**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Cosmological Computing Initiative

*Monday, 12 December 2011 13:30 (30 minutes)*

**Presenters:** ROSNER, Bob (U.Chicago); HABIB, Salman (Argonne); DODELSON, Scott (Fermilab)

**Session Classification:** Major Initiatives and Activities

Contribution ID: 1

Type: **not specified**

## Detector R&D Initiatives

*Monday, 12 December 2011 14:50 (30 minutes)*

**Presenters:** RAMBERG, Erik (Fermilab); FRISCH, Henry (U.Chicago); DEMARTEAU, Marcel (Argonne)

**Session Classification:** Major Initiatives and Activities

Contribution ID: 2

Type: **not specified**

## Introduction of Toyota Technological Institute

**Presenter:** MCALLESTER, David (Toyota Technological Institute)

Contribution ID: 3

Type: **not specified**

## **Illinois Accelerator Research Center (IARC) and Society**

*Monday, 12 December 2011 15:30 (30 minutes)*

**Presenter:** KEPHART, Bob (Fermilab)

**Session Classification:** Major Initiatives and Activities

Contribution ID: 4

Type: **not specified**

# Welcome

*Monday, 12 December 2011 13:00 (5 minutes)*

**Presenter:** KIM, Young-Kee (FNAL)

**Session Classification:** Welcome and Remarks

Contribution ID: 5

Type: **not specified**

## Evaluating collaborative efforts

*Monday, 12 December 2011 13:05 (25 minutes)*

This is the 10th Collaboration Meeting between our institutions. This could be an opportunity to evaluate collaborative efforts and collaboration meetings for future directions.

**Presenters:** LEVY, Don (U.Chicago); ISAACS, Eric (Argonne); Dr ODDONE, Pier (Fermilab)

**Session Classification:** Welcome and Remarks

Contribution ID: 6

Type: **not specified**

## Understanding Ultrahigh Quality Factor Accelerator Cavities in the Quantum Regime

*Monday, 12 December 2011 16:40 (15 minutes)*

**Presenters:** SCHUSTER, David (U.Chicago); COOLEY, Lance (Fermilab)

**Session Classification:** UChicago Strategic Collaborative Initiatives Programs



Contribution ID: 7

Type: **not specified**

## **Elucidating Plant Biomass Production and Soil Carbon Management Using High-Throughput de novo Genotyping**

*Monday, 12 December 2011 17:00 (15 minutes)*

**Presenter:** MILLER, Mike (Argonne)

**Session Classification:** UChicago Strategic Collaborative Initiatives Programs

Contribution ID: 8

Type: **not specified**

## **A New Photodetection System for PET Imaging Using Silicon Photomultipliers**

*Monday, 12 December 2011 17:20 (15 minutes)*

**Presenters:** CHEN, Chin-Tu (U.Chicago); Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

**Session Classification:** UChicago Strategic Collaborative Initiatives Programs

Contribution ID: 9

Type: **not specified**

## **Parallelization of a Novel Algorithm for Simulating Driven Biomolecular Systems**

*Monday, 12 December 2011 17:40 (15 minutes)*

**Presenters:** DINNER, Aaron (U.Chicago); HAMMOND, Jeff (Argonne)

**Session Classification:** UChicago Strategic Collaborative Initiatives Programs

Contribution ID: **10**

Type: **not specified**

## **ATLAS Upgrade Project: Tracking Trigger (FTK)**

*Monday, 12 December 2011 14:10 (30 minutes)*

**Presenter:** SHOCHET, Mel (U.Chicago)

**Session Classification:** Major Initiatives and Activities