



# THE UNIVERSITY OF CHICAGO ENRICO FERMI INSTITUTE



CORDIALLY INVITES YOU TO ATTEND THE

## EFI MINI-SYMPOSIUM "IN HONOR OF DIETRICH MÜLLER"

**Date:** OCTOBER 20, 2006  
**TIME:** 9:30 AM – 3:30 PM  
**Location:** RESEARCH INSTITUTE BUILDING  
5640 SOUTH ELLIS AVENUE - RI 480

The constant bombardment of the Earth by particles from space has been an intriguing topic since its discovery nearly a century ago. Some of the most important advances in the understanding of this cosmic radiation and its origin have been made by direct measurements above the atmosphere. This mini-symposium is in honor of Dietrich Müller, who has been a leader in this field for many years. The program provides an overview of some of the key scientific issues in the field of cosmic ray measurements and a discussion of future possibilities in the context of NASA's scientific balloon program.

### Preliminary Agenda

|          |   |         |   |
|----------|---|---------|---|
| 9:25 AM  | Opening Remarks - Jim Pilcher<br>(UofC)   | 1:00 PM | <b>Gamma Rays and Cosmic Rays</b><br>James Buckley<br>Washington University, St. Louis            |
| 9:30 AM  | <b>A Brief History of Antimatter</b><br>Robert Streitmatter<br>NASA Goddard Space Flight Center | 1:30 PM | <b>Professor Müller and Magnets</b><br>Gregory Tarlé<br>University of Michigan                    |
| 10:00 AM | <b>High-Energy Cosmic Rays</b><br>Michael Cherry<br>Louisiana State University                  | 2:00 PM | <b>High-Altitude Ballooning<br/>Opportunities</b><br>David Pierce<br>NASA Wallops Flight Facility |
| 10:30 AM | Break   | 2:20 PM | <b>Professor Müller and Balloons</b><br>Danny Ball<br>NASA Columbia Balloon Facility              |
| 11:00 AM | <b>Lightning and Cosmic Rays</b><br>Joseph Dwyer<br>Florida Institute of Technology             | 2:40 PM | <b>High-Energy Electrons – CREST</b><br>James Musser<br>Indiana University                        |
| 11:30 AM | <b>Gravity Waves</b><br>Thomas Prince<br>California Institute of Technology                     | 3:10 PM | Closing Remarks - Simon Swordy<br>(UofC)  |
| 12:00 PM | Lunch   |         |   |