

# *37th Annual* **MIDAMERICAN REGIONAL ASTROPHYSICS CONFERENCE**

**April 13/14, 2007**

Cockefair Hall Rm 104

5100 Rockhill Rd

University of Missouri, Kansas City, Missouri

All professional scientists involved in *teaching and/or research* in **astronomy/astrophysics/space science** are cordially invited to present papers in **ANY** field of **astronomy, astrophysics, or space science**. *Students are especially welcome.*

Advanced amateurs are also invited to attend.

**Conference Registration** begins at **12:00 Friday, APRIL 13**

**Friday, April 13 Session** begins at **1:00 PM**

**Invited Review: Dr. Debra Burris, University of Central Arkansas**

Heavy Metals: The r-process - Past, Present and Future

**Saturday, April 14 Session** begins at **10:00 AM**

**Invited Review: Dr. David Jeffery, University of Oklahoma**

A Review of Supernova Atmosphere Modeling: Radiative Transfer and All That

## **INVITED PUBLIC LECTURE**

**7:30 PM Saturday, April 14, Royall Hall, UMKC**

**Dr. Alan Hirshfeld**

University of Massachusetts, Dartmouth

***The Electric Life of Michael Faraday***

(over)

## Call for Papers and Submission of Abstracts

Ten-minute contributed papers (plus 5 minutes for questions) are requested for the afternoon of **April 13 (1:00 - 5:00)** and for **April 14 (10:00 - 5:00)**. Altering the length of the talks and/or the option of poster displays will be considered if the scheduled time proves inadequate for the number of papers submitted.

Please submit **TITLES** by **March 31** to  
**Dr. Scott R. Baird**  
**Department of Physics and Astronomy**  
**Benedictine College**  
**Atchison, KS 66002-1499**  
**(913) 367-5340 x 2527**  
**FAX: (913) 367-6102**  
**Email: [sbaird@benedictine.edu](mailto:sbaird@benedictine.edu)**

**Abstracts** should be submitted by e-mail by **April 07**, as a text file or as an html file, to Bruce Twarog, email: [btwarog@ku.edu](mailto:btwarog@ku.edu). These will be placed on the MARAC WEB SITE: <http://www.physics.ku.edu/marac/marac.shtml>, and printed from there for distribution at the meeting.

**Projection equipment will be available for overhead transparencies or PowerPoint presentations.**

### **COMPUTER SOFTWARE DEMONSTRATIONS:**

**Computer software demonstrations can be useful. You are encouraged to bring anything along you would like to show. Contact Bruce Twarog if you would like to demonstrate software.**

**Registration fee: \$10.00 Regular, \$5.00 Student**

**Map to UMKC: <http://www.umkc.edu/maps/directions.asp>**

**UMKC Campus Map: <http://www.umkc.edu/maps/busroutesmap.pdf>**

**PLEASE PRINT, POST, AND CIRCULATE**