



## **Cleveland Astronomical Society**

### **Thursday, April 1, 2004 Meeting Announcement**

6:30-7:00 pm: Snacks and soft drinks: 7:00 pm.: Buffet dinner: 7:45 pm: Talk

**At the CanalWay Center, Cleveland MetroParks, off E. 49<sup>th</sup> Street, Cuyahoga Heights**

**Note:** We will again have some of the CAS cloisonné pins in black, white, and gold with the CAS logo, available at our cost price of \$6.00. **If you now have a pin, please wear it! Also, please get your name tag at the start of the meeting and return it to the tray (generally alphabetical) before leaving. Thank you.**

### **“Extrasolar Planets and Their Stellar Hosts”**

**Dr. Earle Luck**

**Chair, Astronomy Department, Case Western Reserve University**

Extrasolar planets are a hot astronomy topic, since in recent years over 100 planets have been discovered circling distant stars. But what do we know of the central stars themselves? In this talk Dr. Luck will explore concepts of planetary formation, how planetary systems are found, and possible biases in the discovery techniques. He will discuss how we obtain clues about the origins and properties of planetary systems from the properties of their hosts. Come learn how we know and what we know about extrasolar planet systems—and ask questions.