Real-time Microlensing Modeling

Prof. Cheongho Han <u>cheongho@astroph.chungbuk.ac.kr</u> Department of Physics, Chungbuk National University

Abstract: Since 2008, I have reported real-time modeling service to the microlensing community. The purpose of this work is to show the progress of events to observers and to find important events of interest for further analysis. The results were circulated to all microlensing researchers in the community and related documents are posted on a webpage. In 2012 season, I provided models of nearly all anomalous events. In this talk, I summarize the results of real-time modeling and report events of scientific importance and interest for the data acquired in 2011 season. I report the result of 10 planetary events candidates. I also mention some other events of interest.