

# Meteor outbursts in the last two millennia

Sang-Hyeon Ahn

Dept. of Optical Astronomy, KASI

Astronomical records written by professional royal astronomers in Korean history are very important to trace the long-term evolution of comets. We have been investigating the astronomical records of meteor outbursts in world histories. It was already reported the existence of major outbursts such as the Lyrids, the Perseids, the Leonids, the eta-Aquarids, and the Orionids. We find the existence of the minor meteor outbursts over the last two millennia. We obtain their nodal regression rates that can be compared with the theoretical calculations for the orbital evolution of their parent comets.