
PPS007-02

Room: 301A

Time: May 26 14:00-14:15

Impact experiments and exploration of small bodies in the solar system

Masahiko Arakawa^{1*}, Hisayoshi Yurimoto², Jun-ichi Watanabe³, Takashi Ito³

¹Nagoya University, ²Hokkaido University, ³National Astronomical Observatory

Impact experiments have been conducted for the studies of the formation process of planetary bodies and the origin and evolution of asteroids. So, we accumulated a lot of knowledge about impact processes of small bodies and developed a lot of useful devices for impact studies. Thus, we would like to apply our knowledge and technique to the exploration of small bodies.