

# Japan Geoscience Union Meeting 2011

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PPS020-P08

Room:Convention Hall

Time:May 25 10:30-13:00

## Impact Cratering Experiments on Basalt Targets

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Impact cratering experiments on basalt targets were performed. Aluminum and steel spheres were impacted to basalt targets with velocities from 3100 to 5300 m/sec. Diameter of formed craters were 30 to 100 mm. Details of results and implications to the scaling law will be presented in the session.

Keywords: Impact Phenomena, Scaling Law