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## Scientific Objectives of the Impactor on board Hayabusa 2

Yasuhiko Takagi<sup>1\*</sup>, Hajime Yano<sup>2</sup>, Chisato Okamoto<sup>2</sup>, Takanao Saiki<sup>2</sup>, Yasuhiro Akahoshi<sup>3</sup>, Hayabusa 2 Project Team<sup>2</sup>

<sup>1</sup>Aichi Toho University, <sup>2</sup>JAXA, <sup>3</sup>Kyushu Institute of Technology

The asteroid explorer "Hayabusa 2" following "Hayabusa" has an impactor device in addition to the sampling device, remote sensing instruments. The device can impact a 2 kg metallic body to the asteroid with 2 km/sec. Phenomena on the asteroid 1999JU3 by the impact, observation methods of the phenomena, and expected scientific outcomes will be presented.

Keywords: small body exploration, impact phenomena, primitive material