



MicrOmega/Hayabusa 2 expected performances, through ground calibration

Jean-Pierre Bibring

IAS, Orsay, France (bibring@ias.u-psud.fr)

MicrOmega is a NIR hyperspectral microscope, operating in the $0.95 - 3.65 \mu\text{m}$ spectral range, with the goal of characterizing the microscopic composition of the asteroid surface, in contact with the MASCOT Lander of the Hayabusa 2 mission. Ground calibration of the flight unit has demonstrated outstanding performances, which will be reported: minerals (both igneous and altered), and a variety of organics can be detected and identified, at their grain scale, through a totally unprecedented investigation.