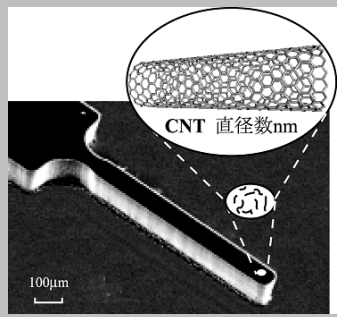


## Fracture Control

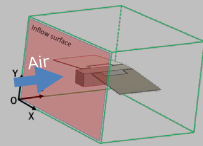
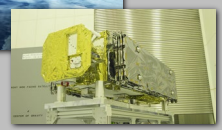
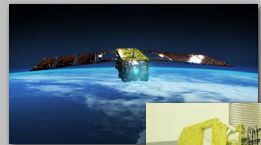
Evaluation of Mechanical properties on Micro-materials



Durability Evaluation of Shape Memory Alloy in Hydrogen Environment

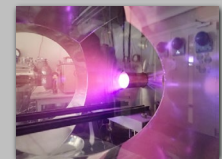
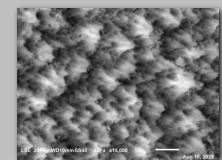


## Space Environmental Effects



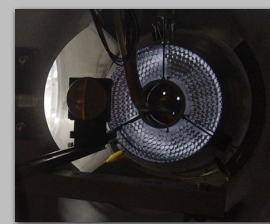
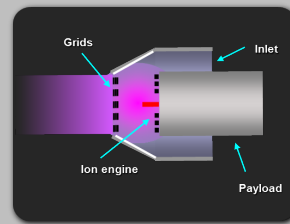
$$D = \frac{1}{2} \rho V^2 C_d A$$

SLATS Super-Low Altitude Test Satellite

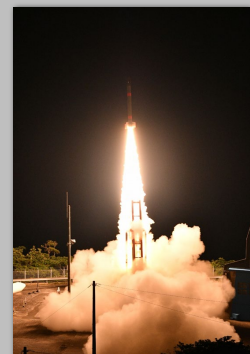
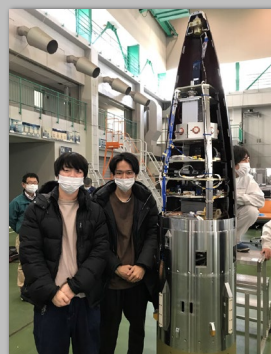


AO Atomic oxygen

Space Environmental Effect on Materials



ABIE Air Breathing Ion Engine



S-520-32 Sounding Rocket Experiment

<http://www.space-environmental-effect.jp/index.html>

