

|||| 特集：燃焼～単純化して探る複雑現象 ||||  
(解説)

## きぼう搭載用次世代実験ラック—多目的実験ラック—

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### The 2nd Phase KIBO Experiment Rack—Multi-Purpose Utilization Rack—

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#### Abstract

JAXA has already developed the multi-user facilities to conduct the microgravity experiments in KIBO, ISS Japanese Experiment Module, such as Fluid Physics Experiment Facility, Cell Biology Experiment Facility and Image Processing Unit. Those facilities are waiting for launch at KSC, NASA Space Shuttle launch site at Florida.

On the other hand, to meet various demands for space environment utilization, JAXA is now planning to develop the Multi-Purpose Utilization Rack (MPUR). Its launch target year is around 2010 and it will be used on-orbit for about 5 years.

As one of the mission definition of the MPUR, the MPUR should accommodate the combustion experiment equipment.